

Fig1E



Fig1E



Fig1H

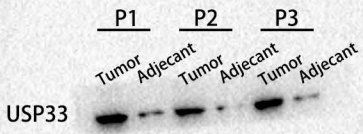


Fig1H

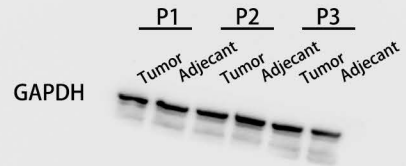


Fig1H

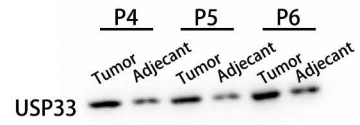
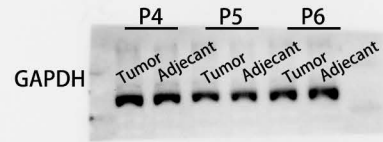


Fig1H



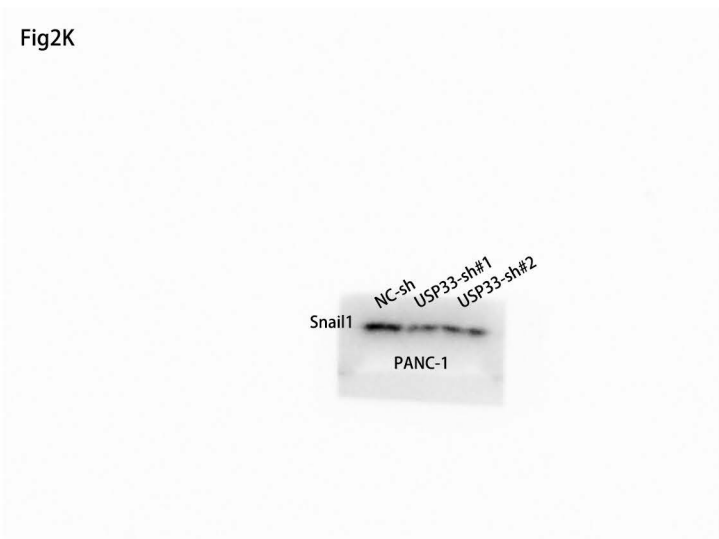
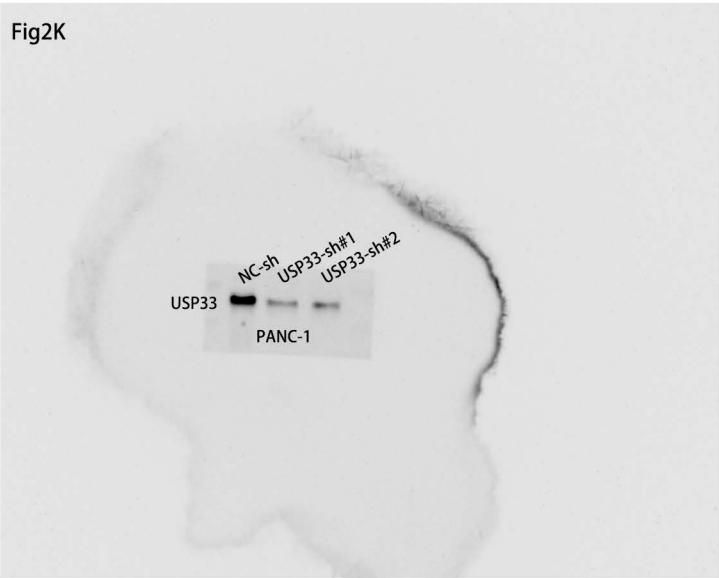
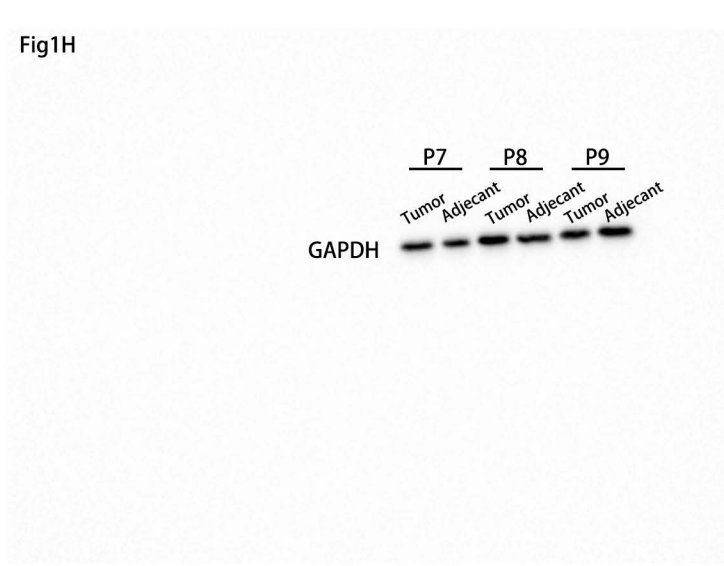
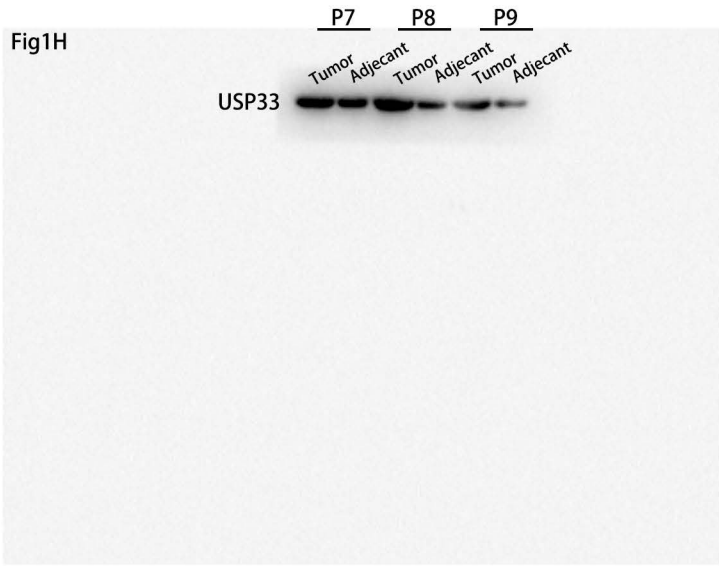


Fig2K

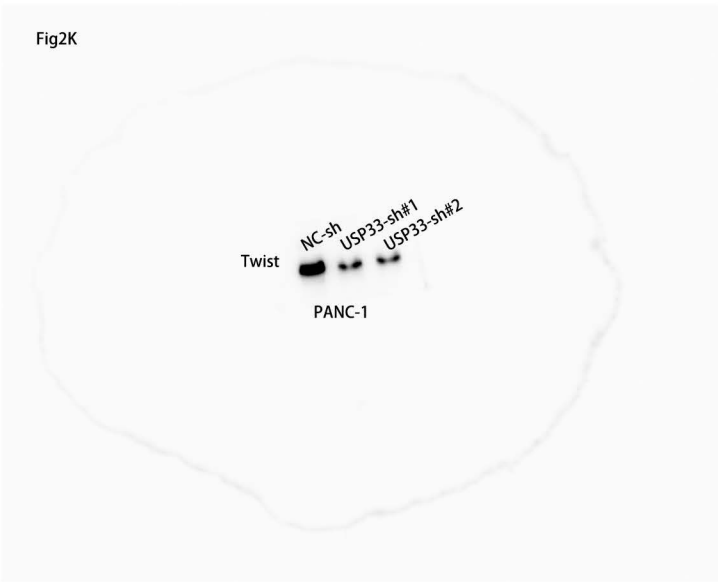


Fig2K

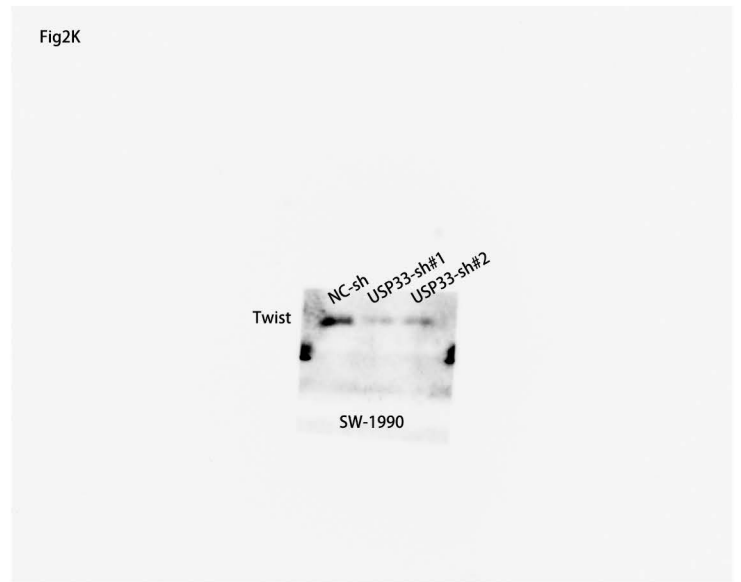


Fig2K

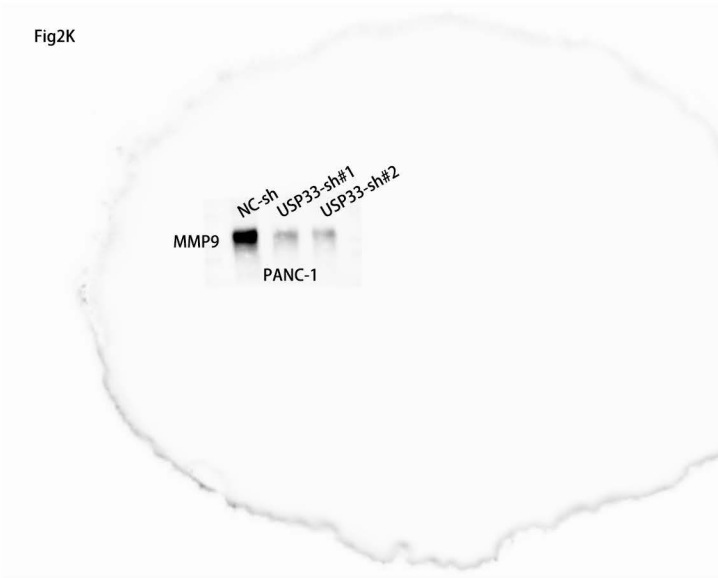


Fig2K

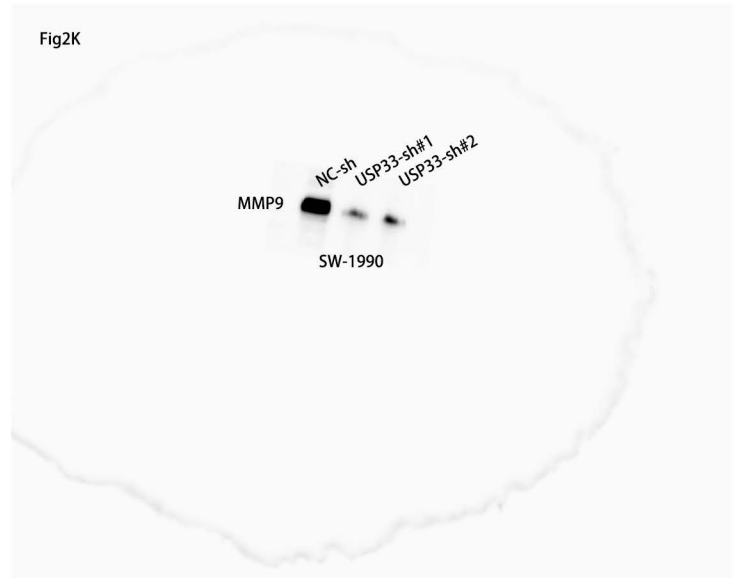


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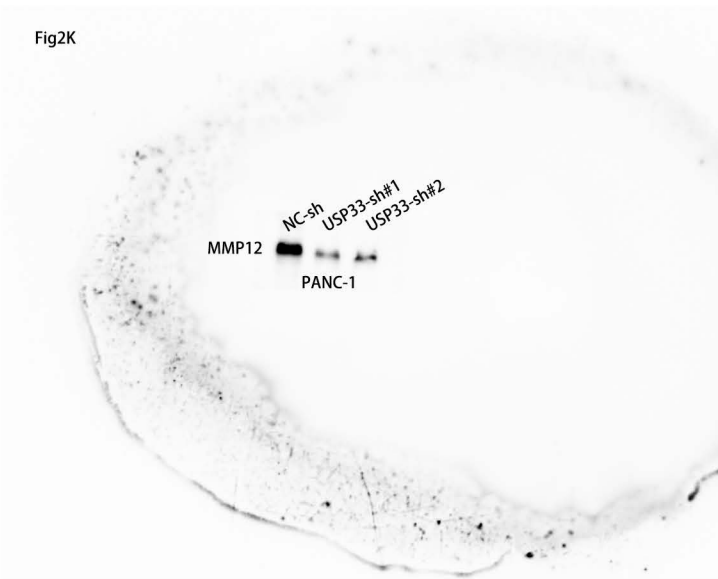


Fig2K

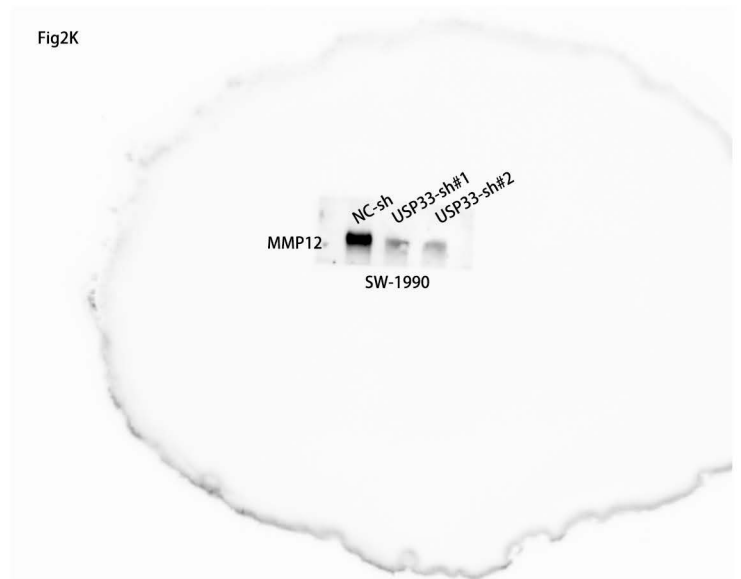


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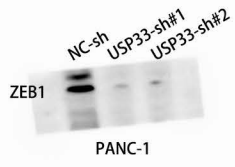


Fig2K



Fig2K

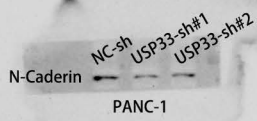


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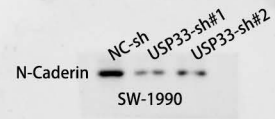


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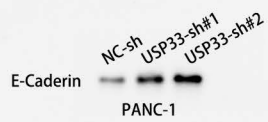


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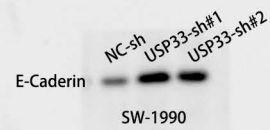


Fig2K

GAPDH NC-sh USP33-sh#1 USP33-sh#2
PANC-1

Fig2K

GAPDH NC-sh USP33-sh#1 USP33-sh#2
SW-1990

Fig3D

USP33 NC-sh USP33-sh#1 USP33-sh#2
PANC-1

Fig3D

USP33 NC-sh USP33-sh#1 USP33-sh#2
SW-1990

Fig3D

SMAD2/3 NC-sh USP33-sh#1 USP33-sh#2
PANC-1

Fig3D

SMAD2/3 NC-sh USP33-sh#1 USP33-sh#2
SW-1990

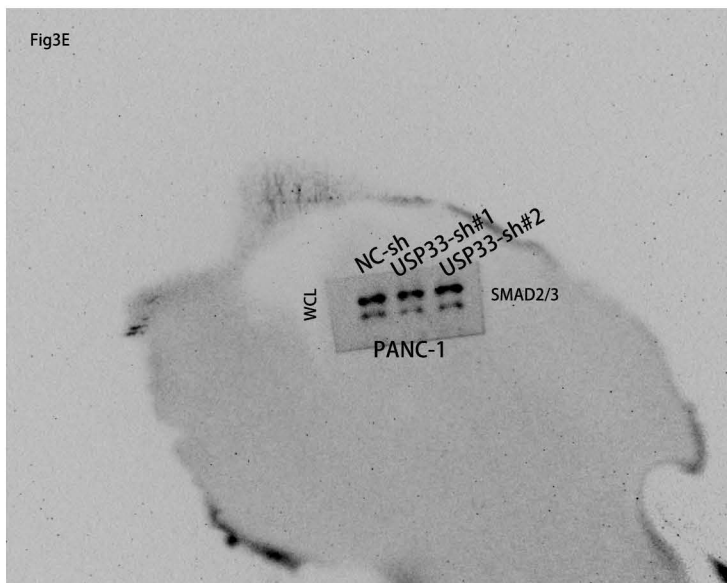
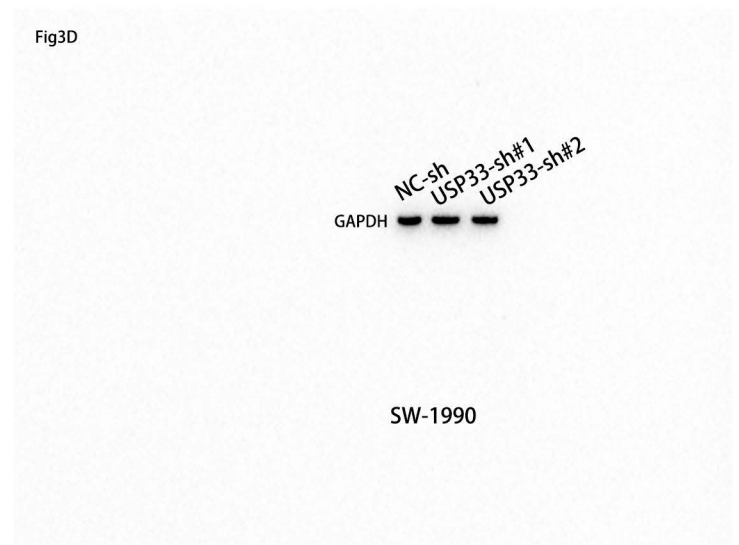
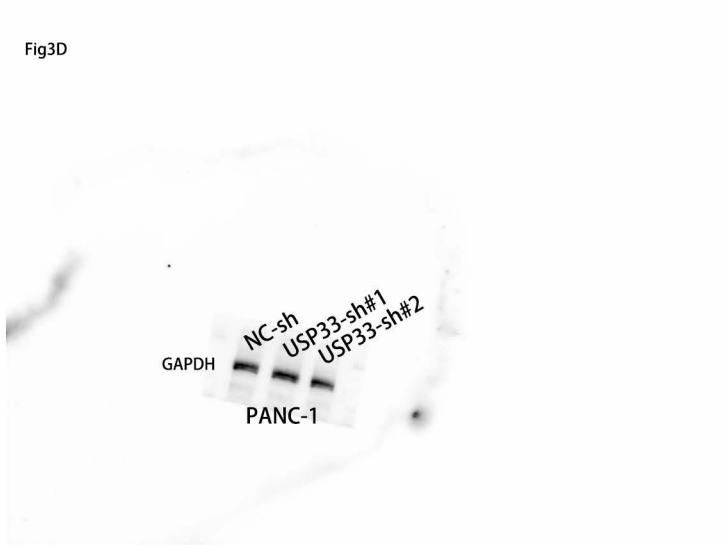
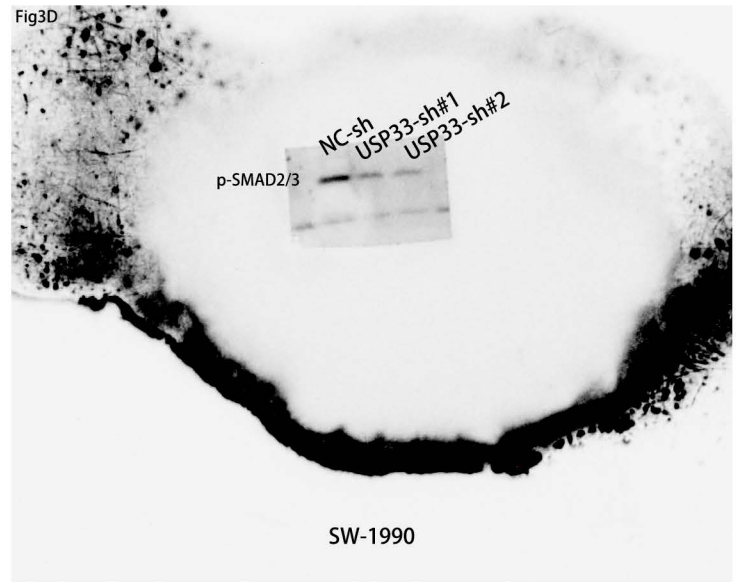
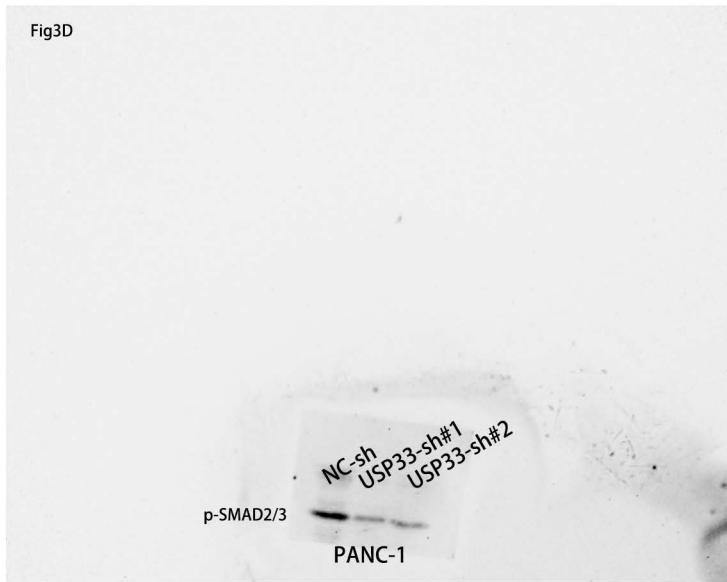


Fig3E

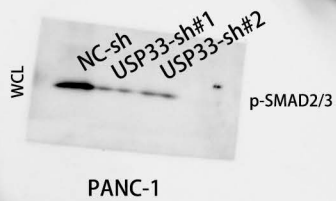


Fig3E



Fig3E

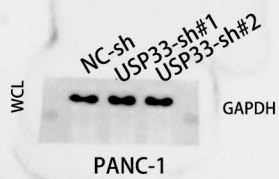


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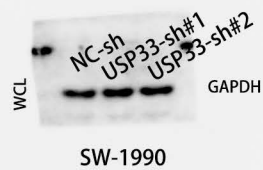


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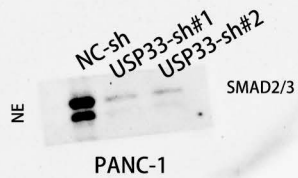


Fig3E



Fig3E

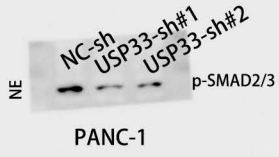


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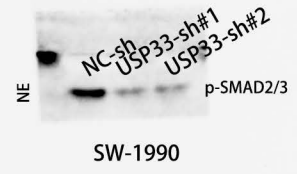


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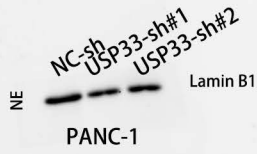


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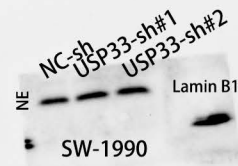


Fig3H

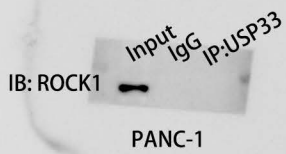


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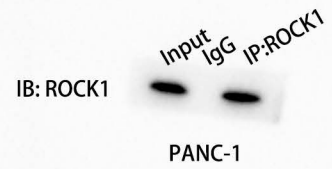


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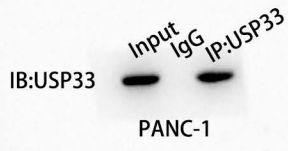


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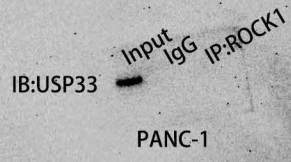


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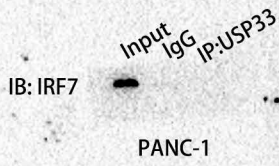


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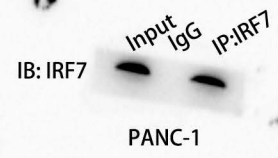


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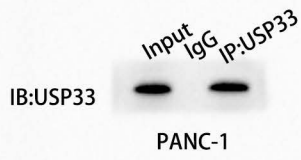


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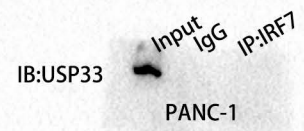


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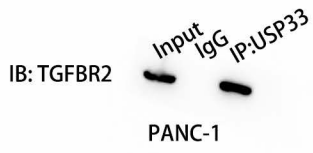


Fig3H



Fig3H

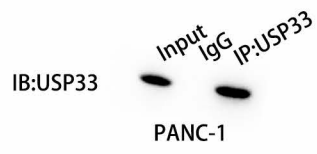


Fig3H

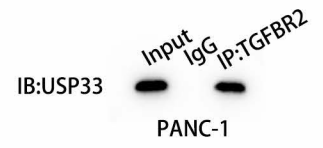
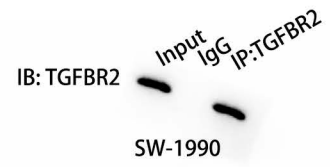


Fig3H



Fig3H



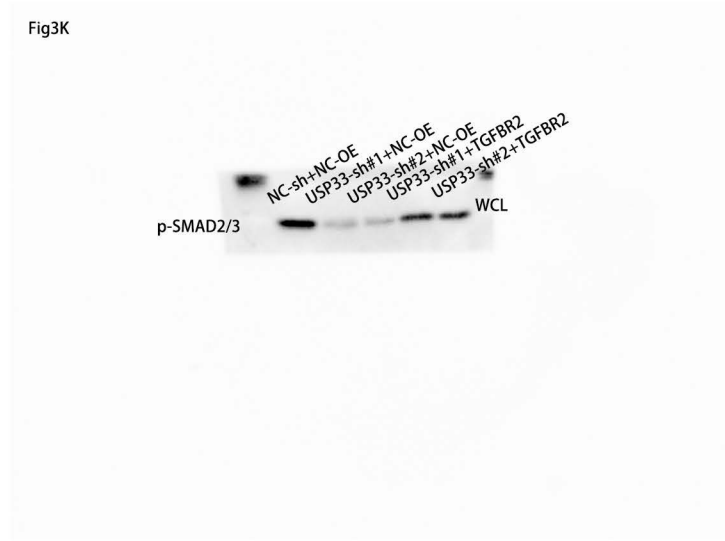
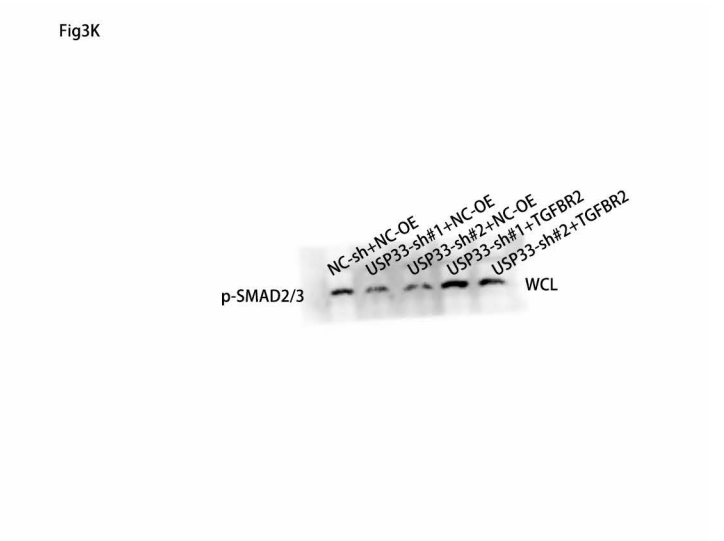
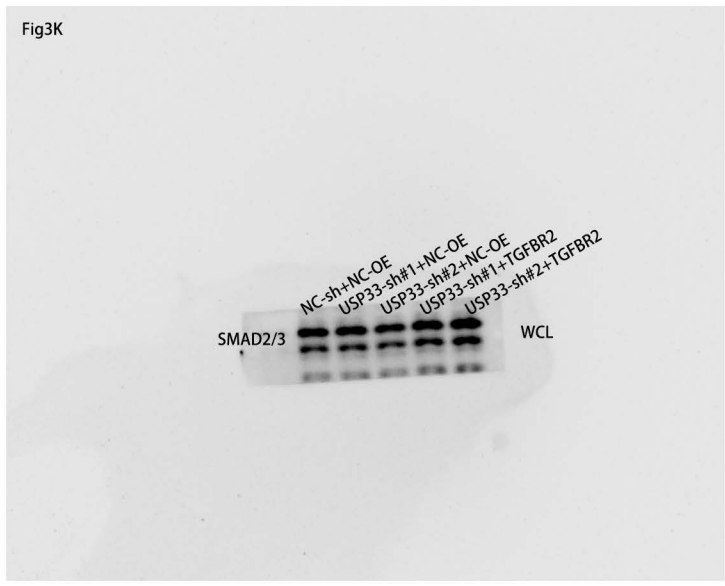
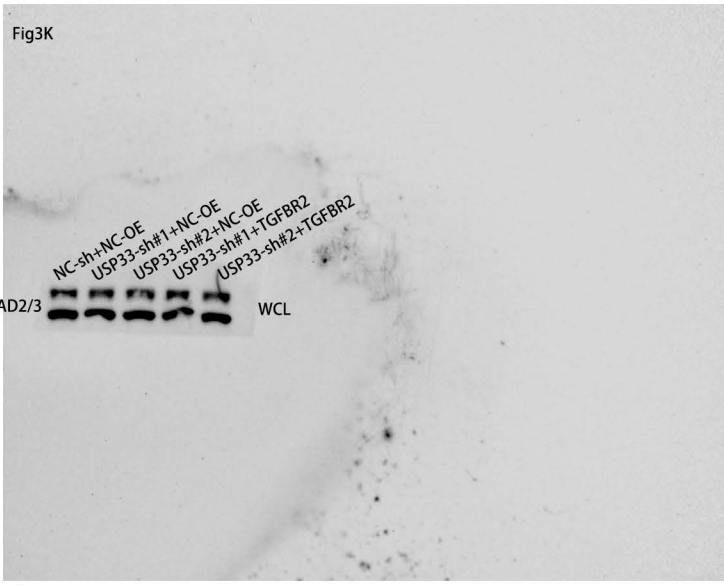
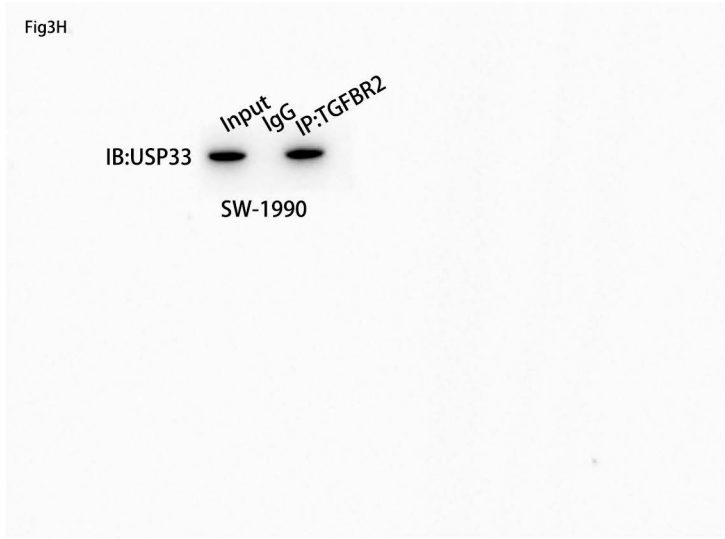
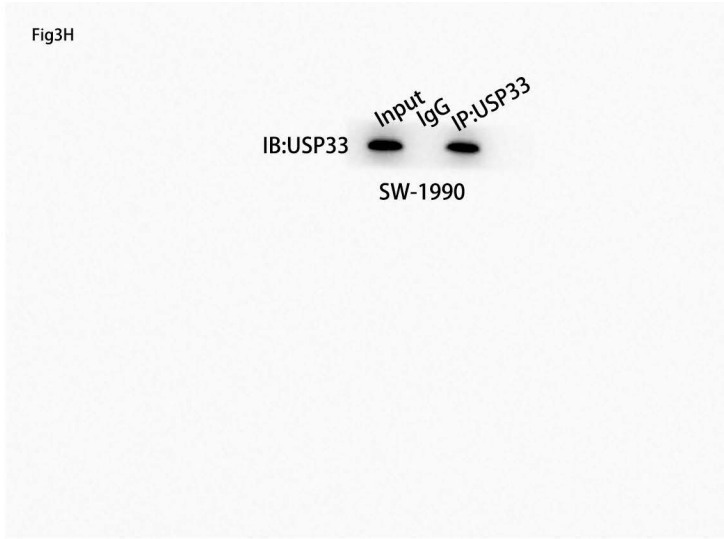


Fig3K

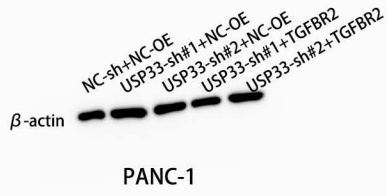


Fig3K

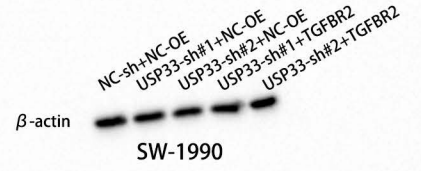


Fig3K

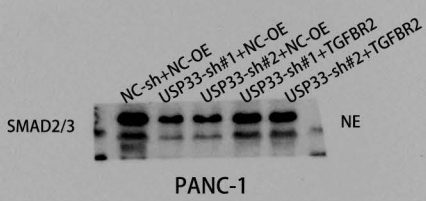


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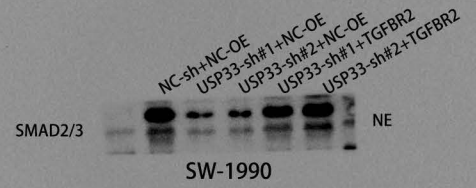


Fig3K

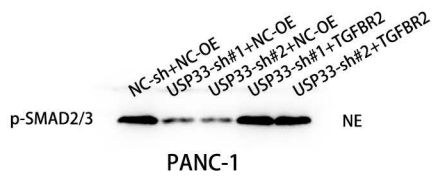
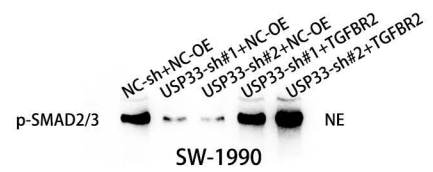
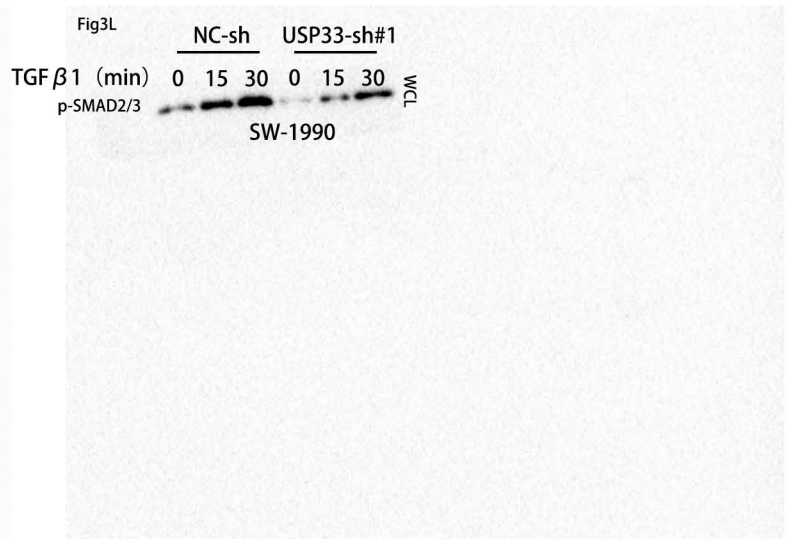
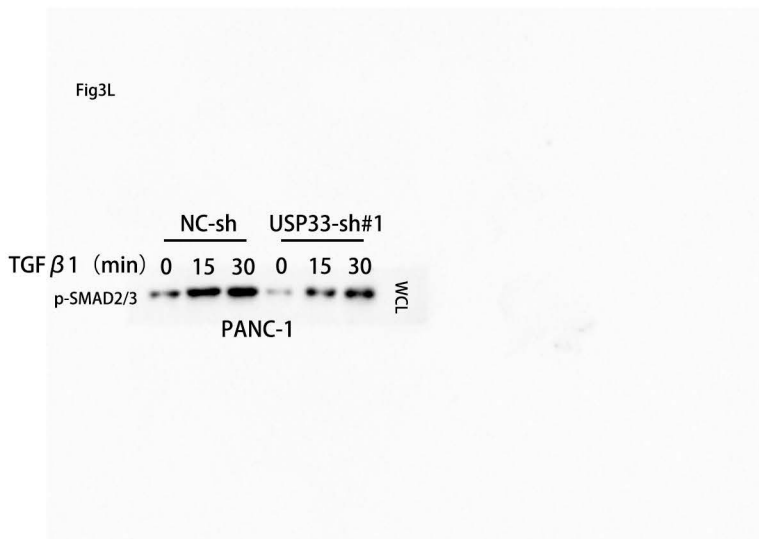
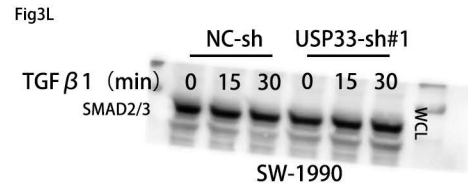
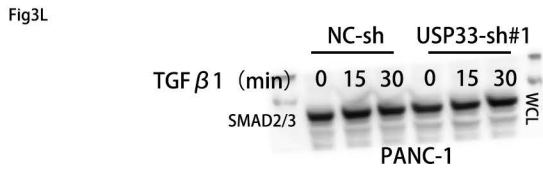
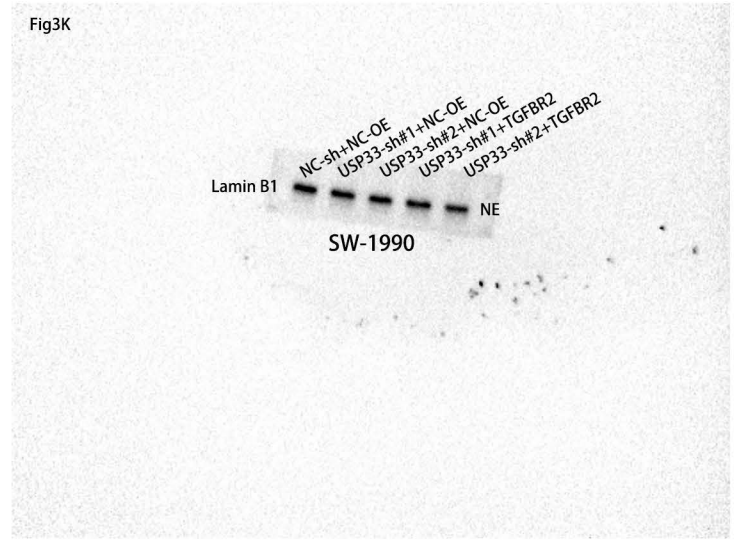
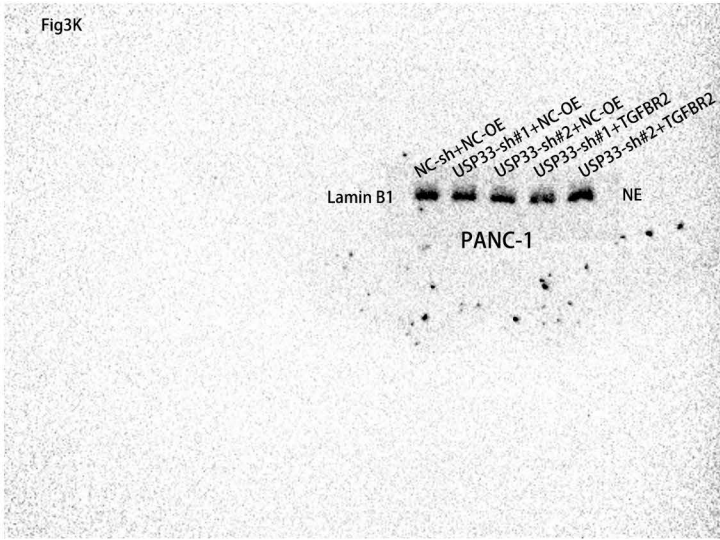


Fig3K





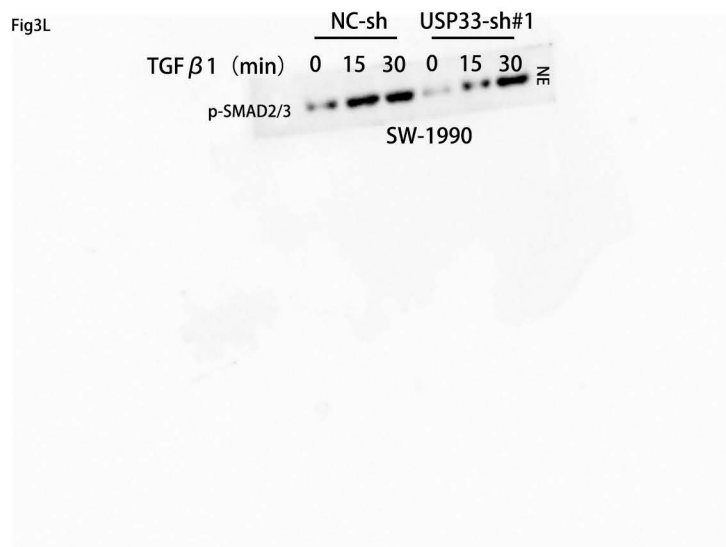
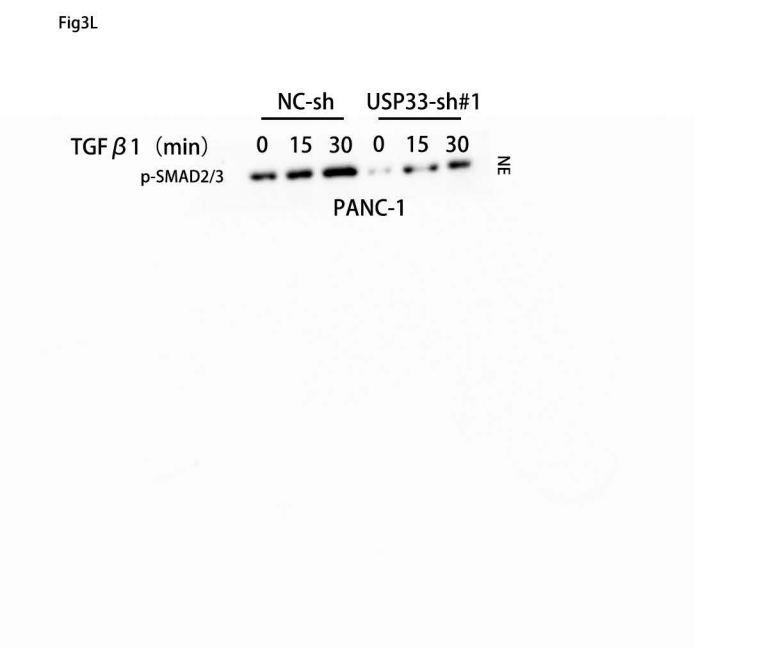
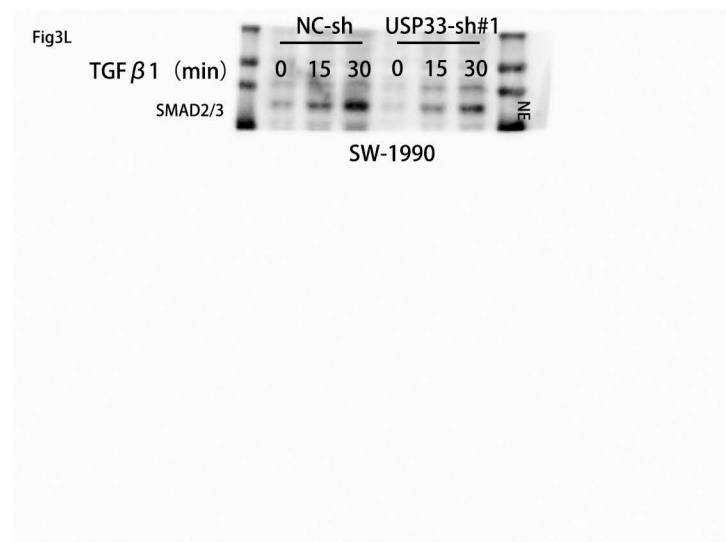
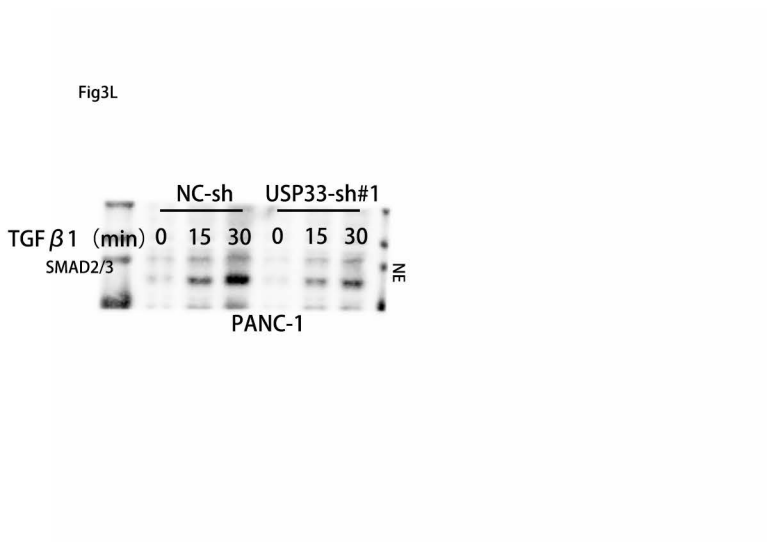
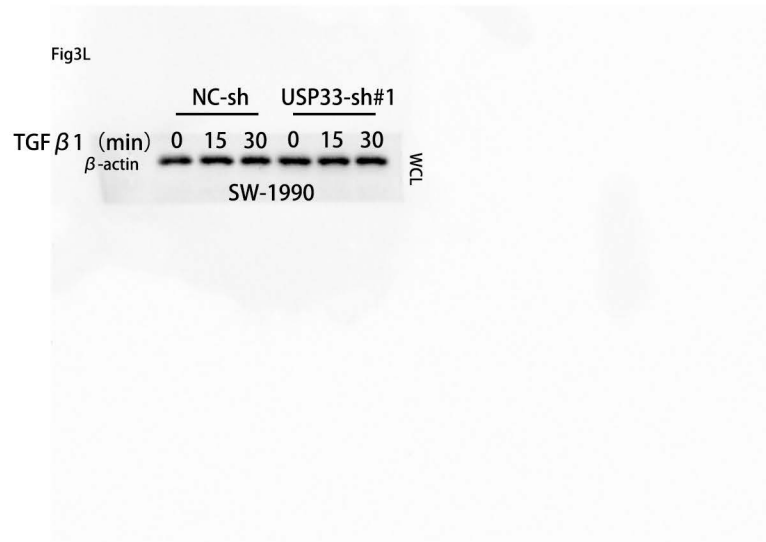
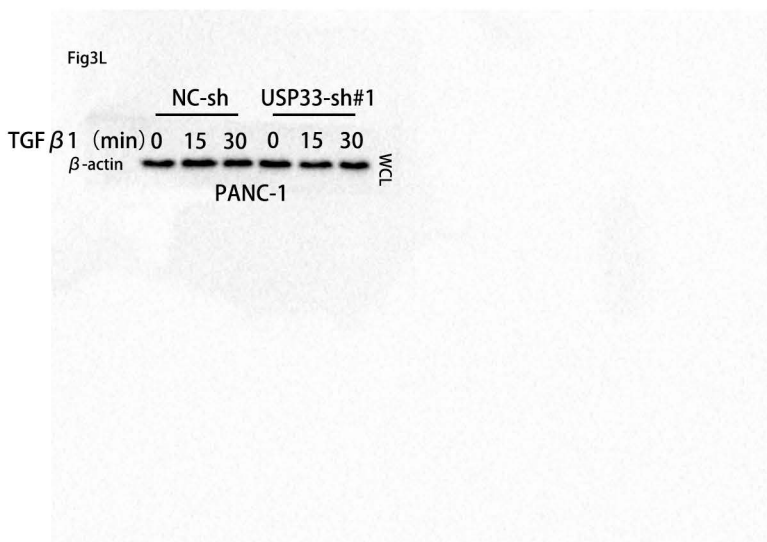


Fig3L

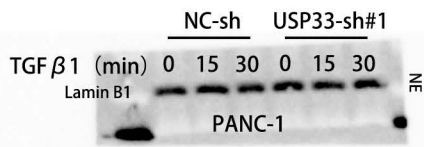


Fig3L

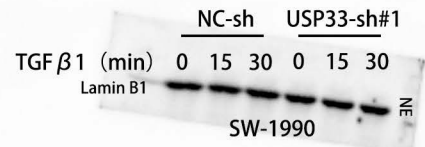


Fig4J

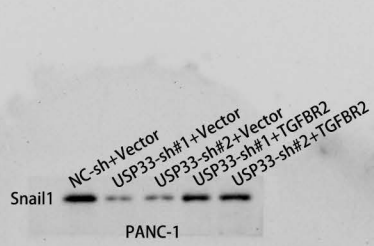


Fig4J

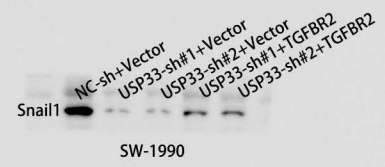


Fig4J



Fig4J

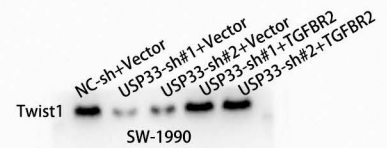


Fig4J

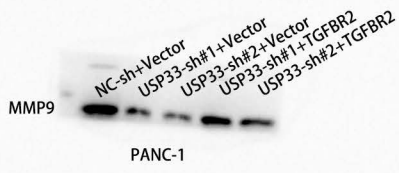


Fig4J

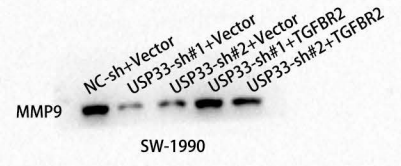


Fig4J



Fig4J

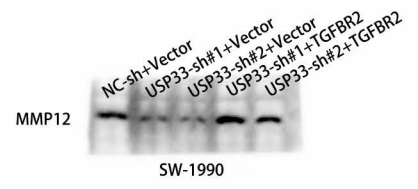


Fig4J

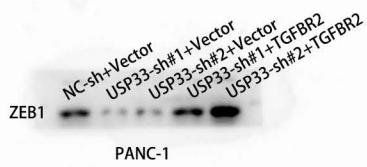


Fig4J

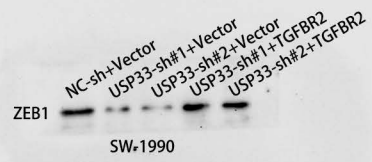


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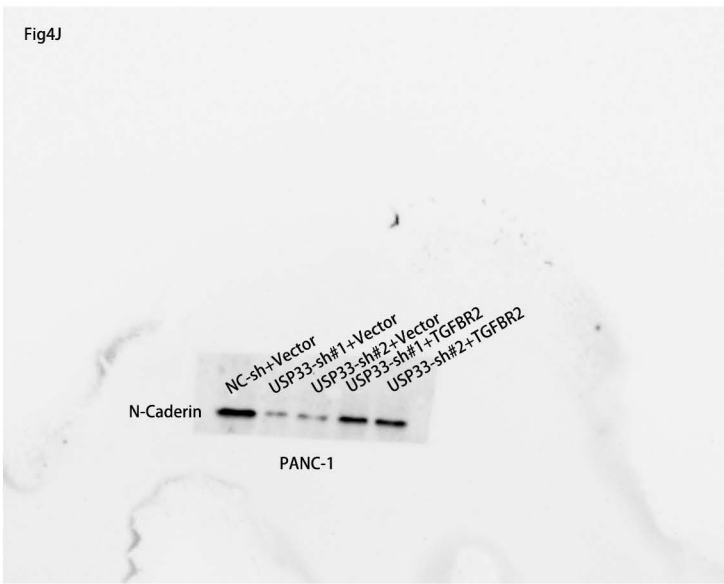


Fig4J

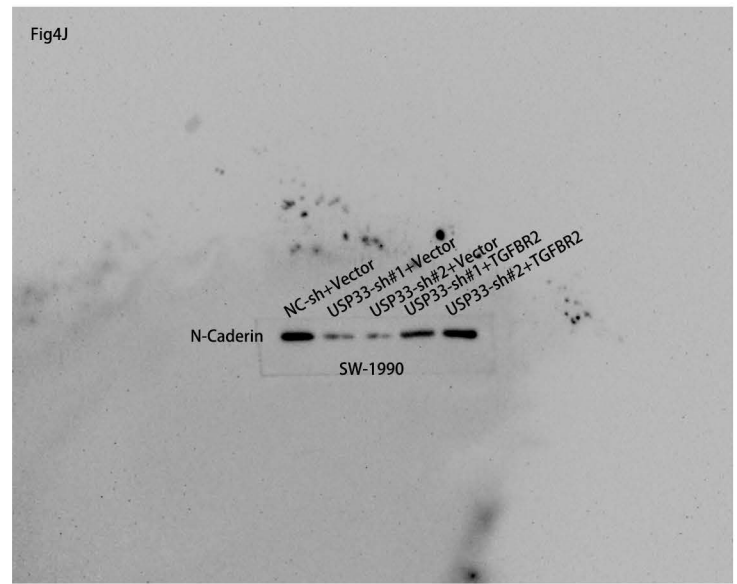


Fig4J

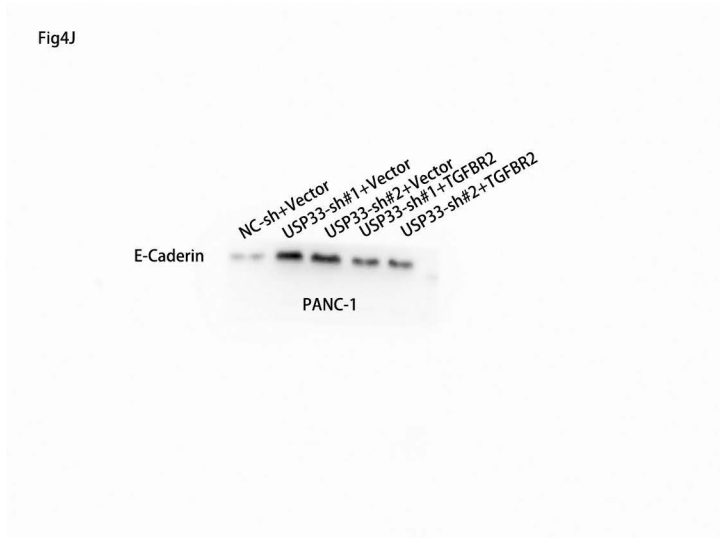


Fig4J

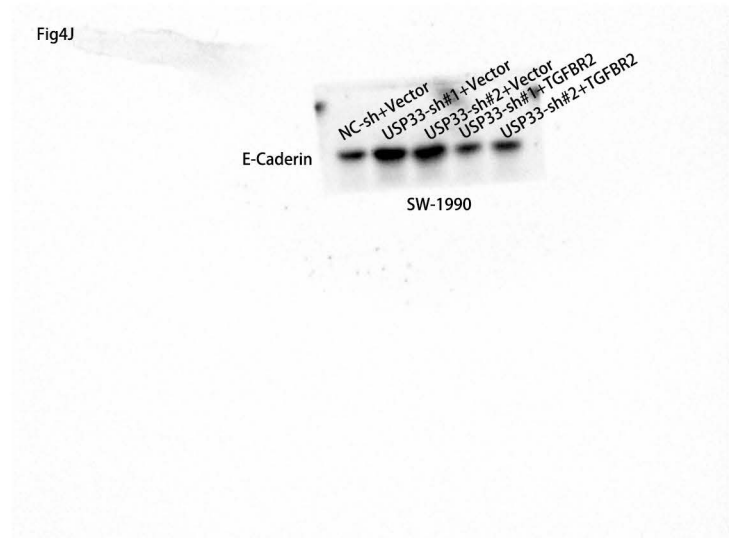


Fig4J

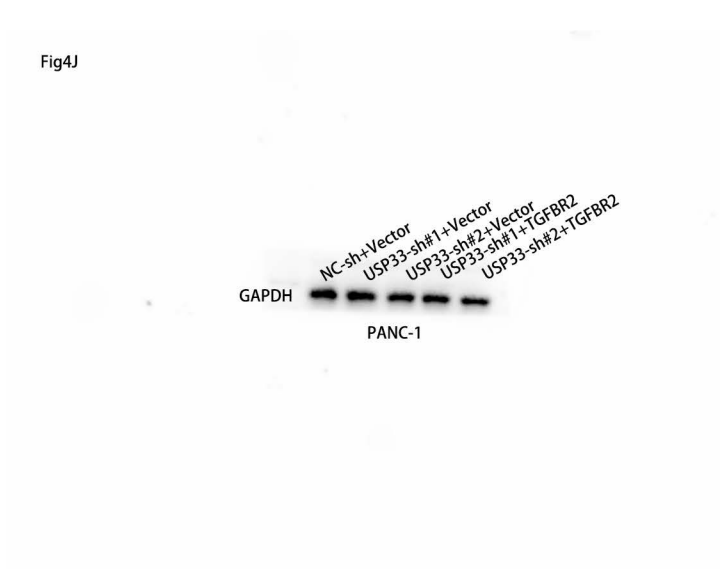
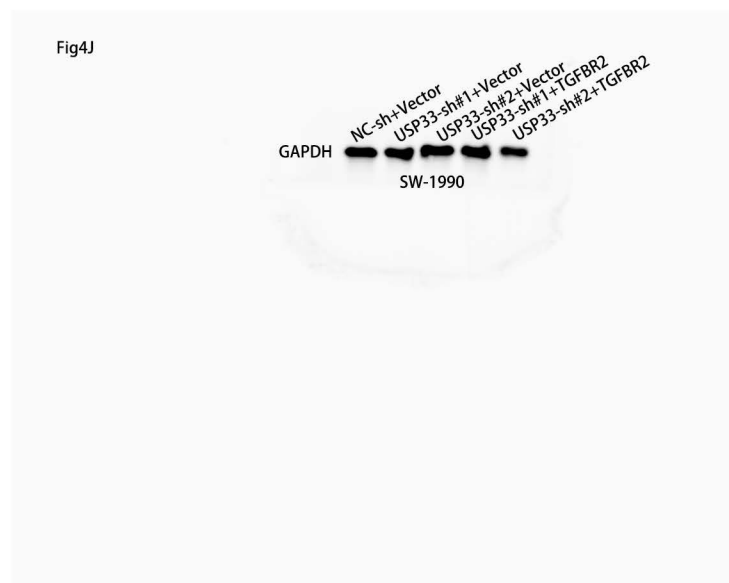


Fig4J



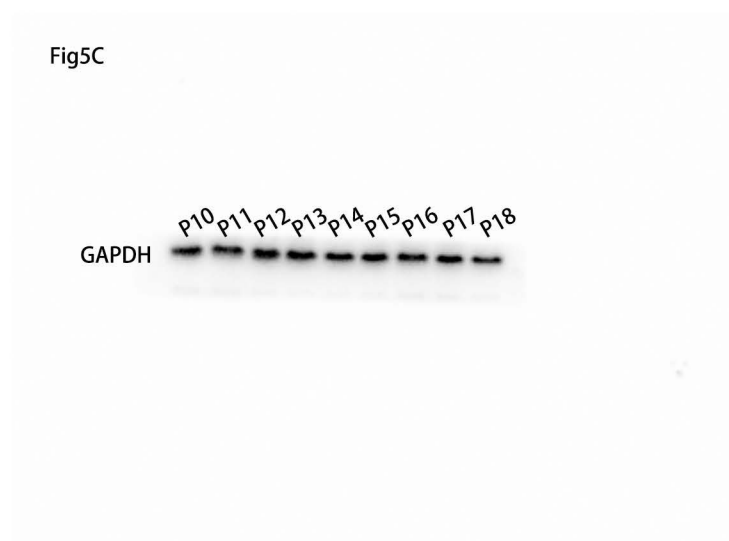
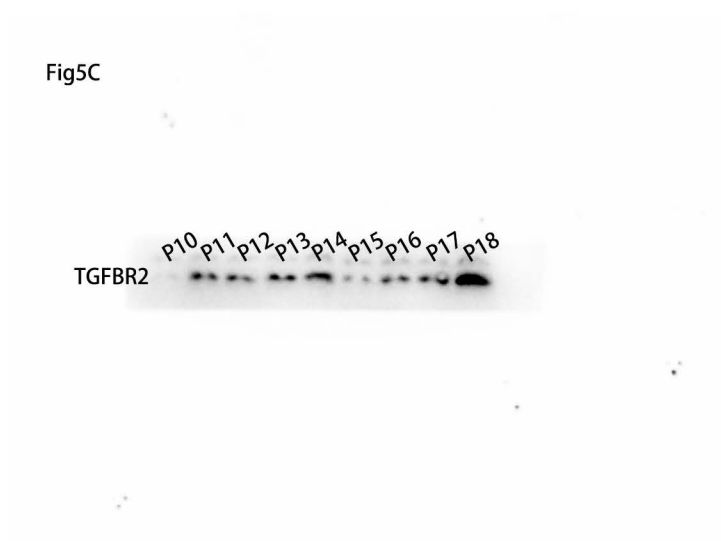
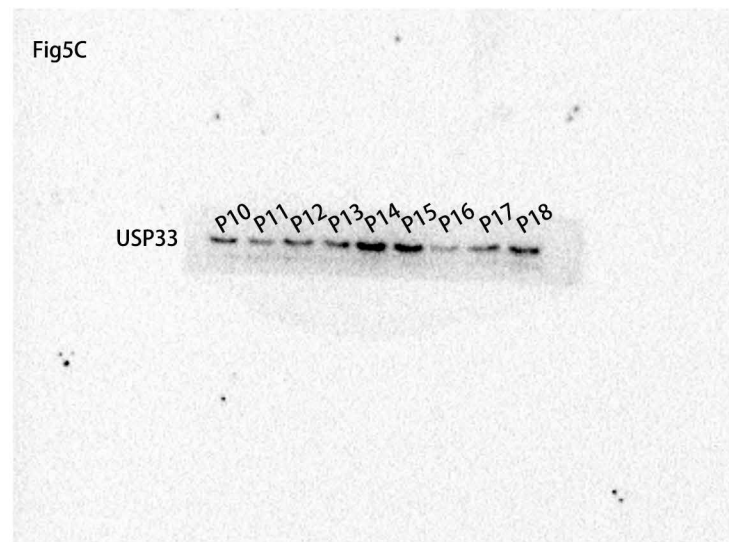
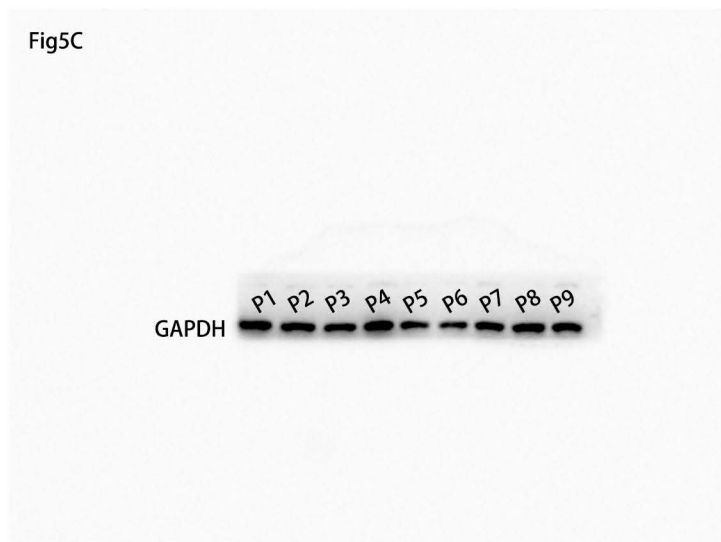
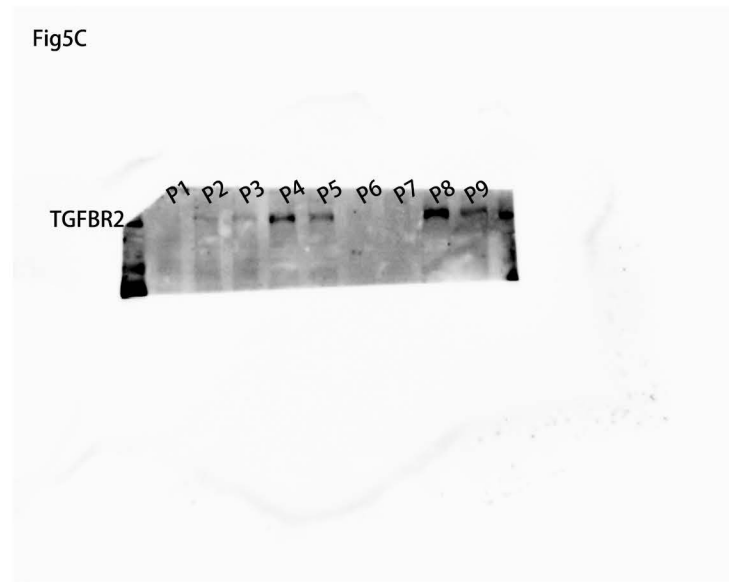
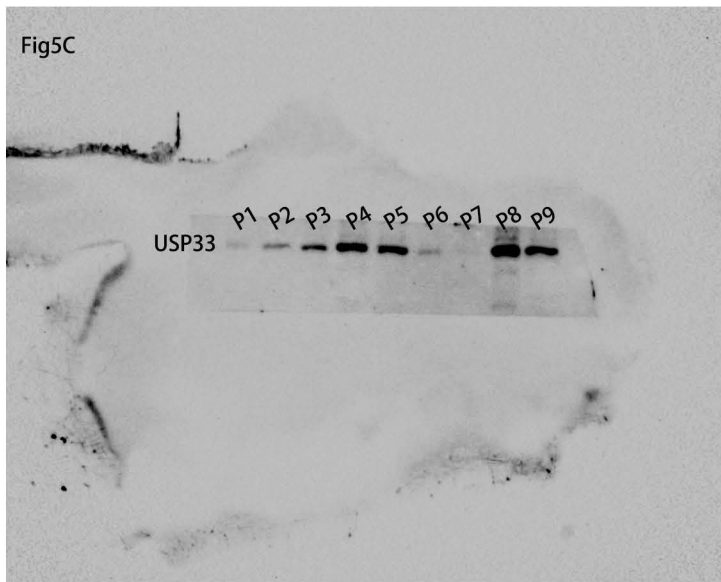


Fig5F

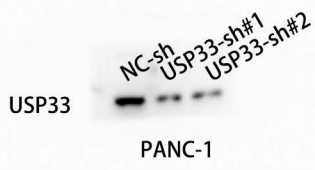


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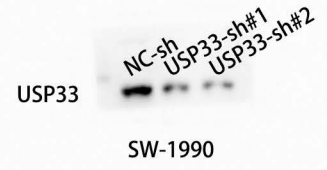


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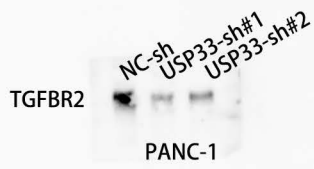


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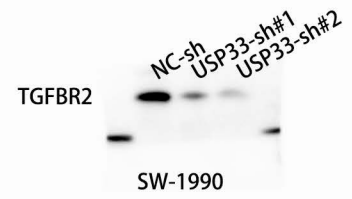


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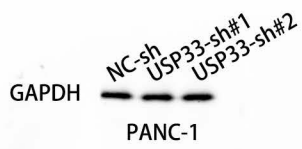


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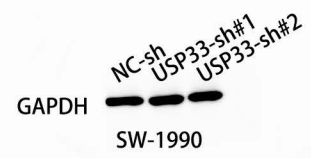


Fig5F

USP33 NC-OE USP33
PANC-1



Fig5F

USP33 NC-OE USP33
SW-1990




Fig5F

TGFBR2 NC-OE USP33
PANC-1

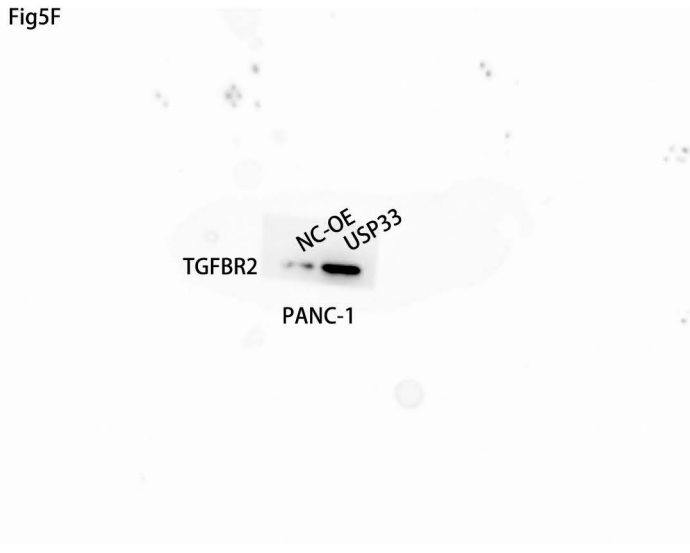


Fig5F

TGFBR2 NC-OE USP33
SW-1990

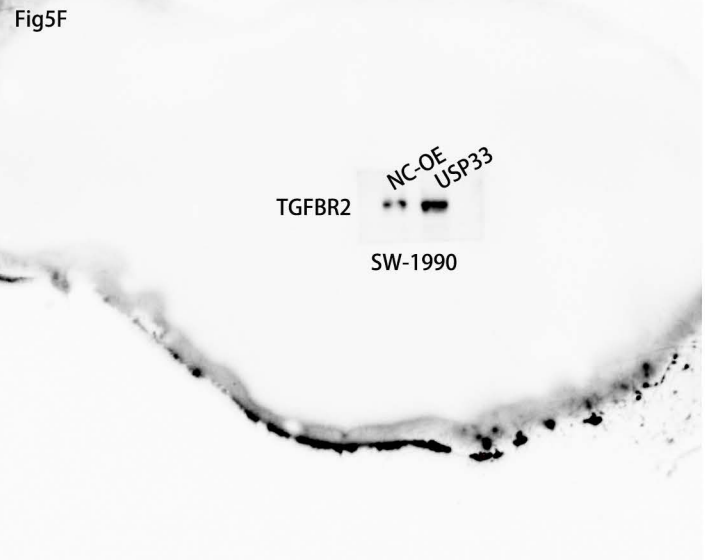


Fig5F

GAPDH NC-OE USP33
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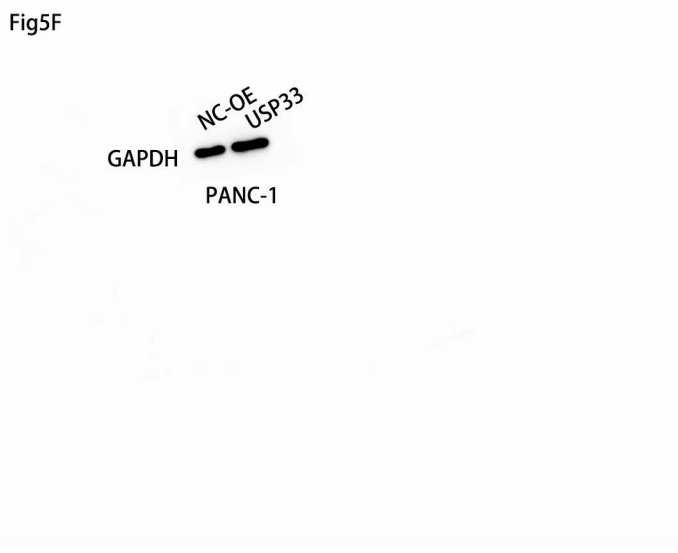


Fig5F

GAPDH NC-OE USP33
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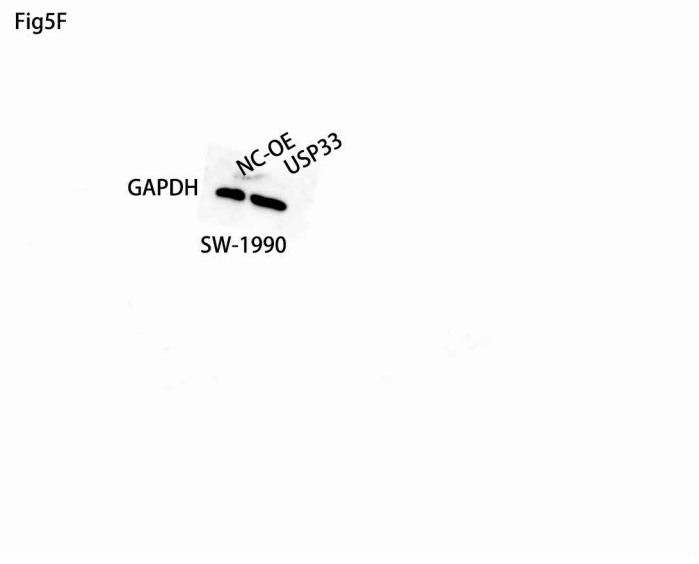


Fig5G

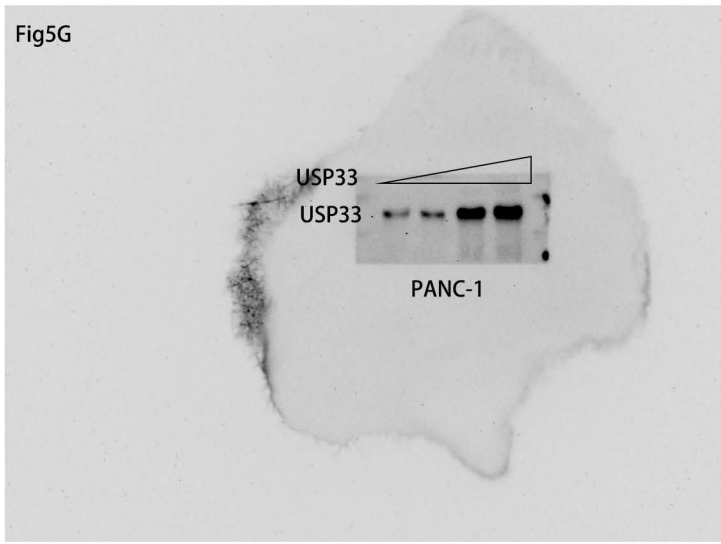


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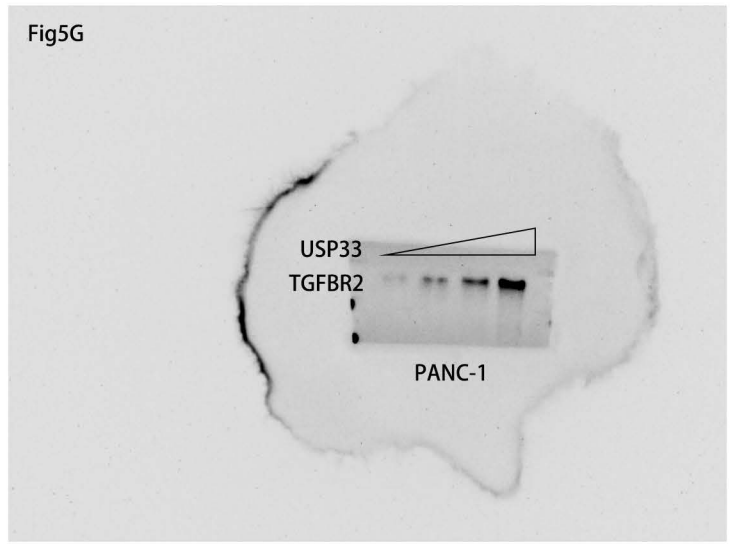


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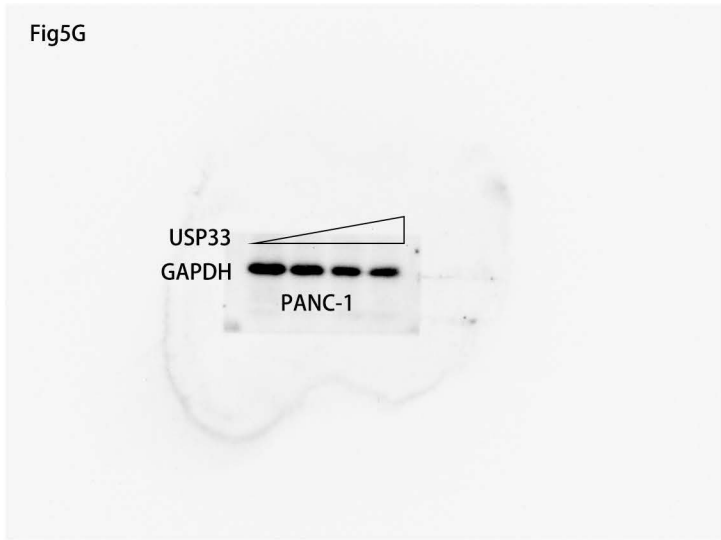


Fig5G



Fig5G

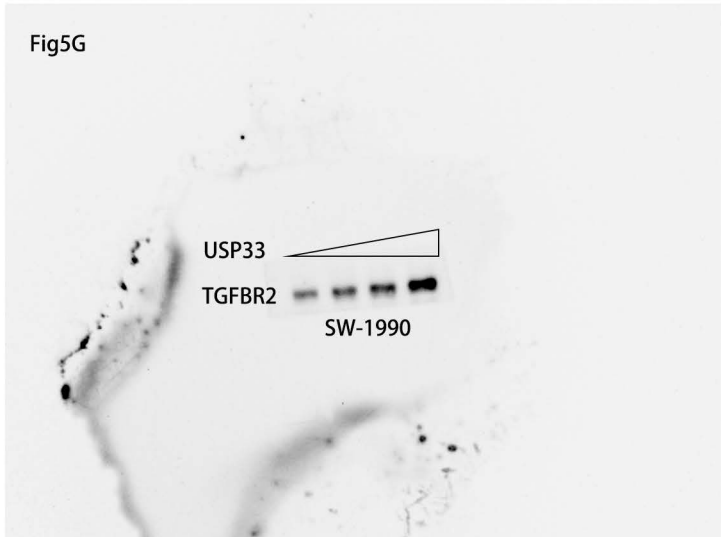
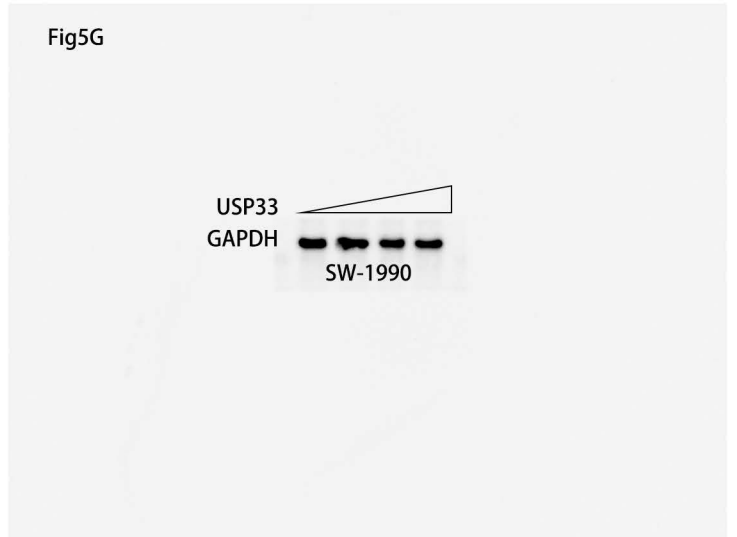


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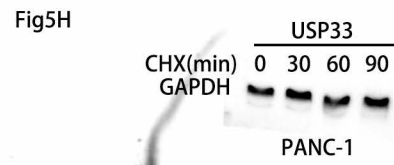
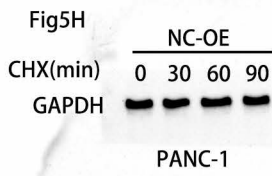
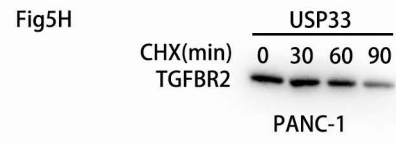
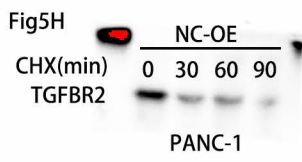


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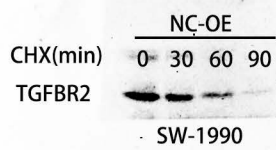


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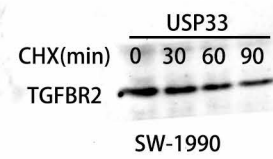


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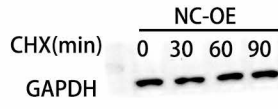


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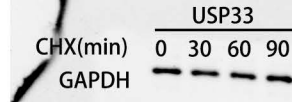


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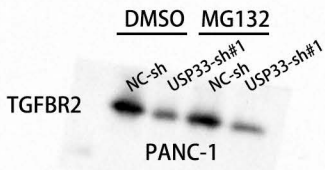


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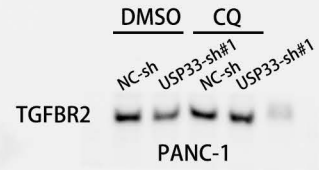


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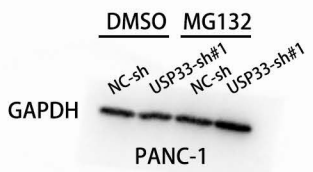


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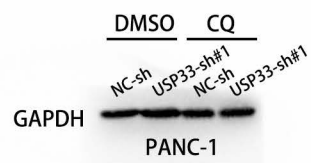


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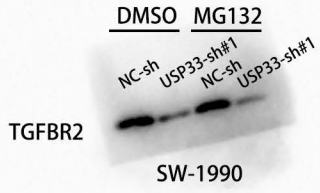


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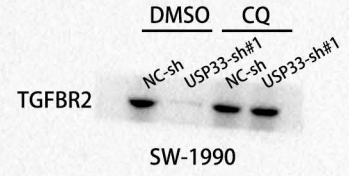


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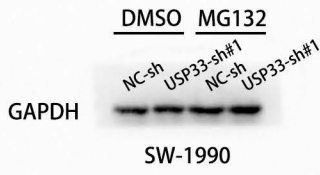


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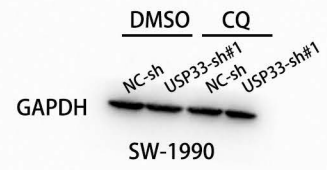


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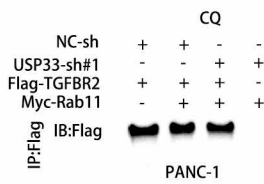


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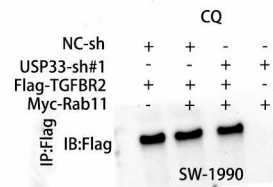


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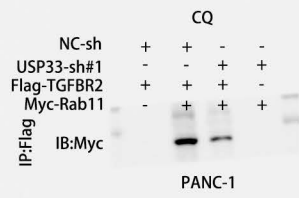


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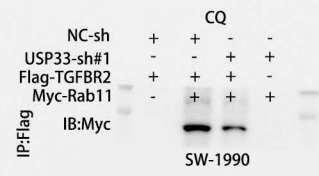


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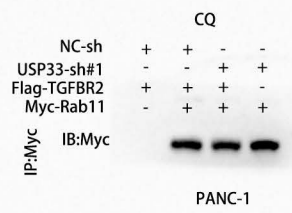


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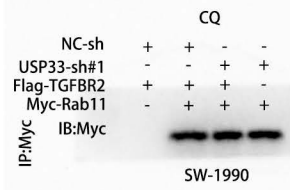


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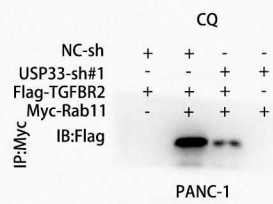


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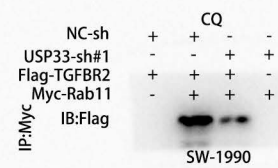


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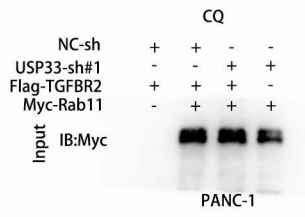


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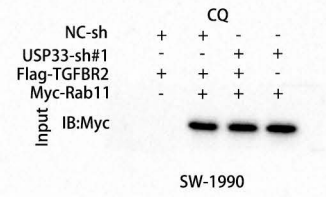


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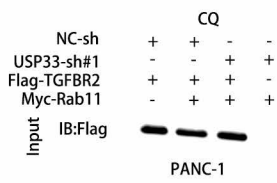


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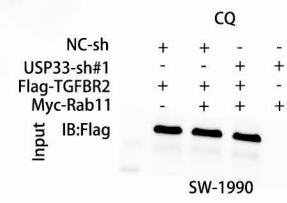


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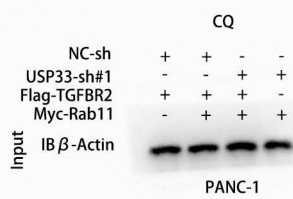


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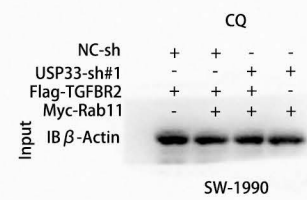


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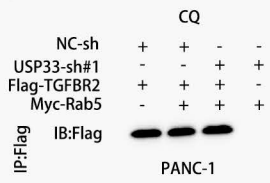


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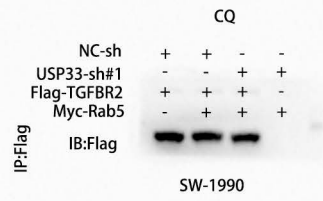


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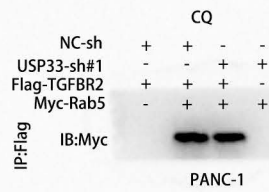


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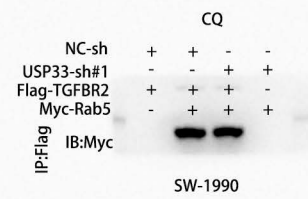


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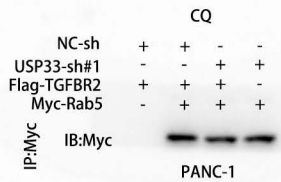
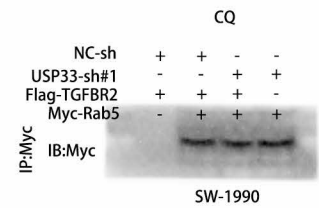


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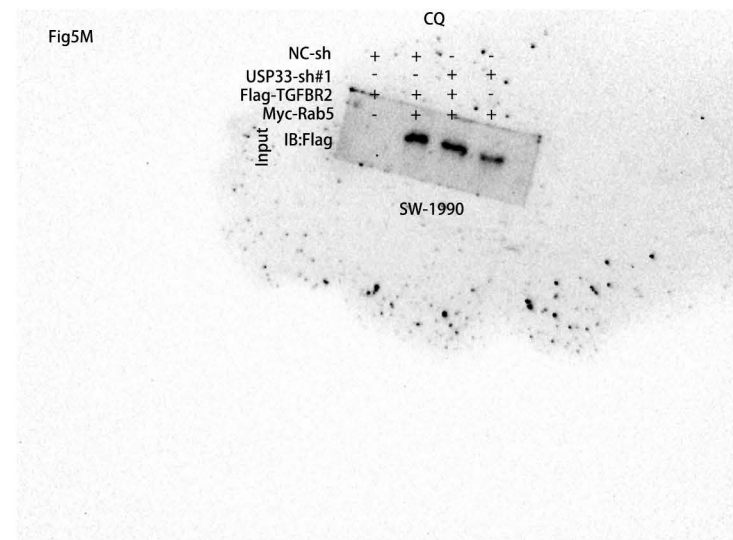
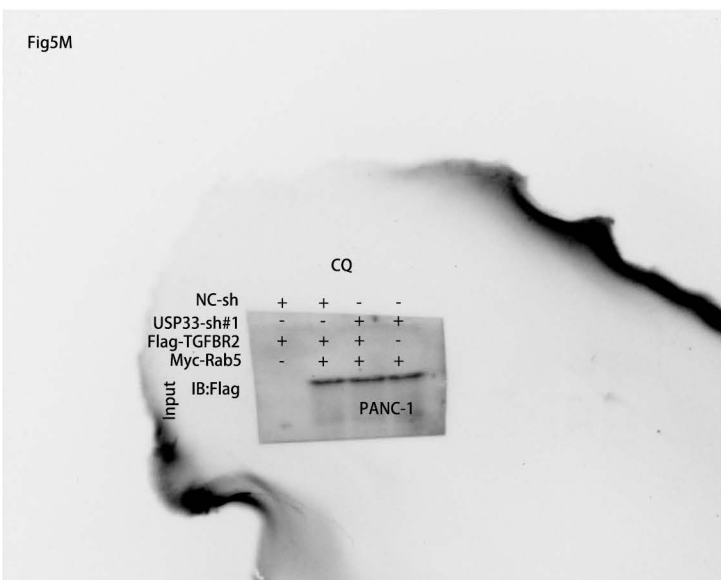
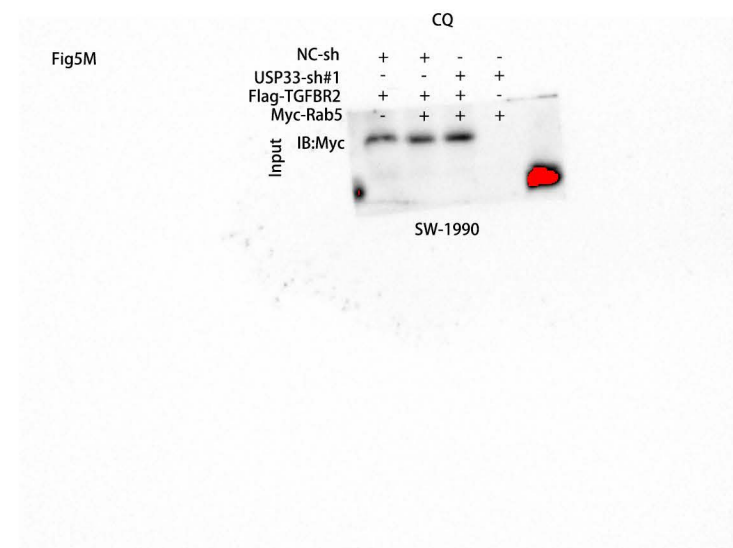
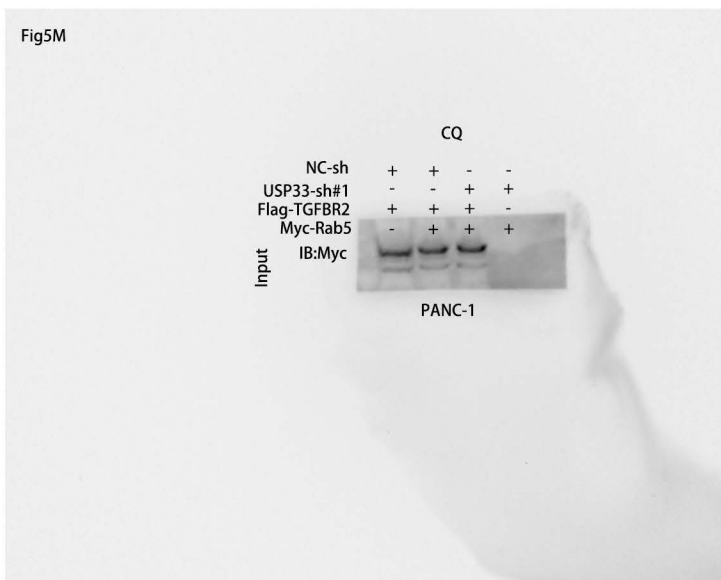
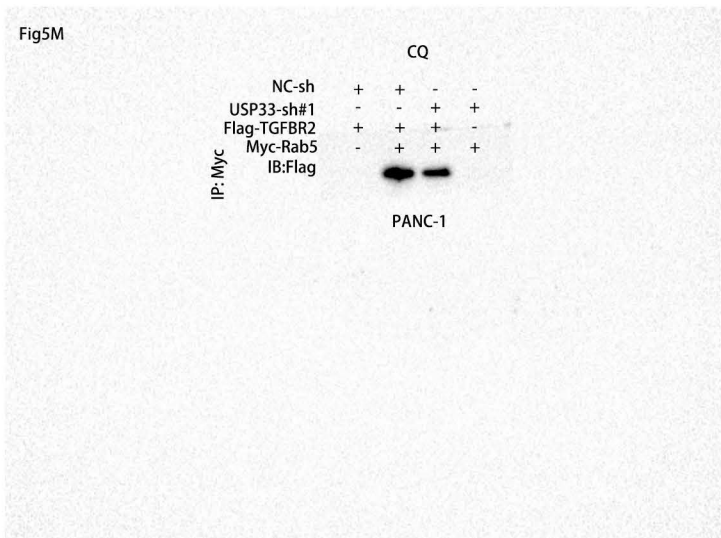


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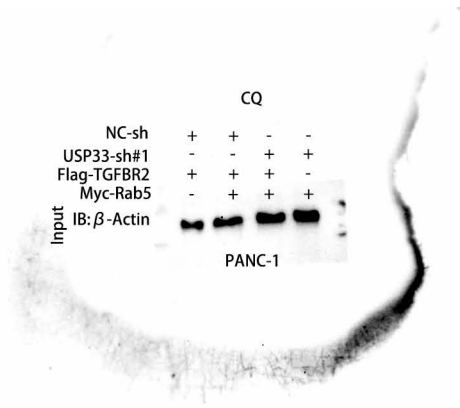


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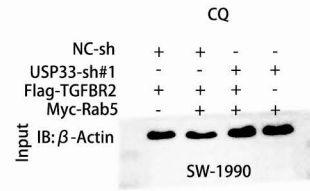


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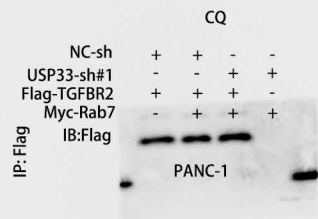


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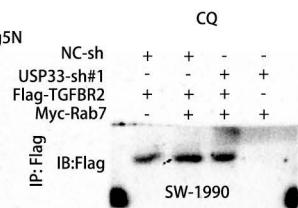


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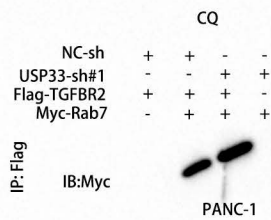


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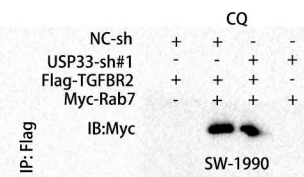


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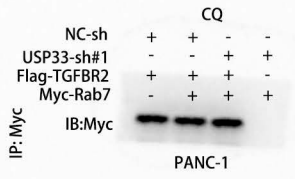


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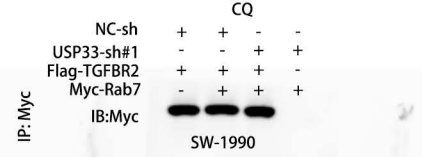


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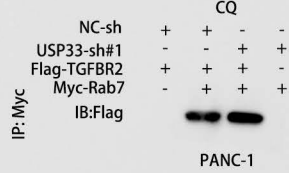


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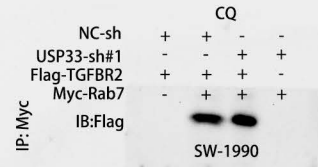


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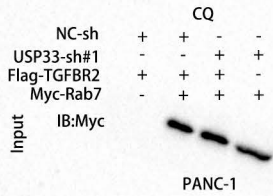
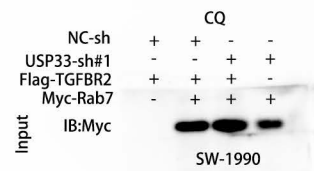
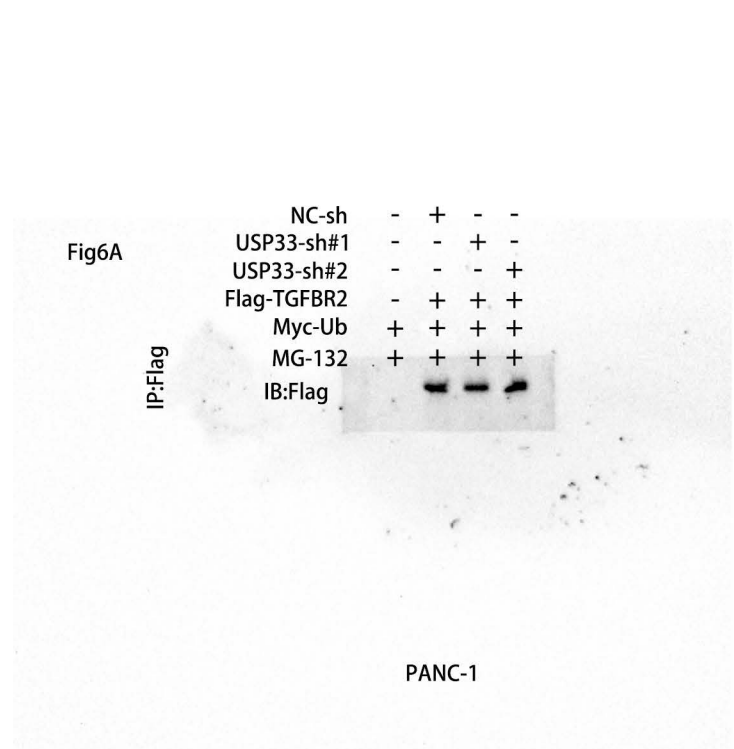
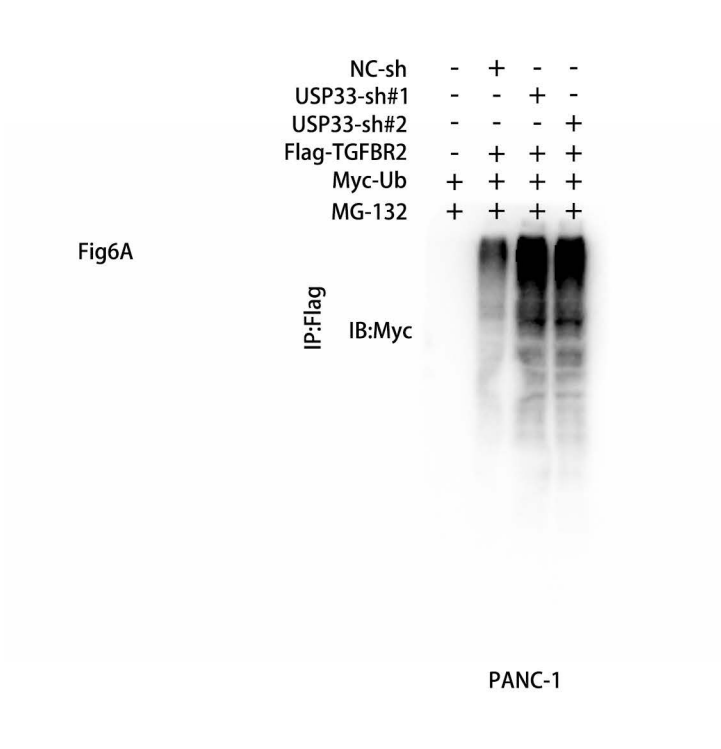
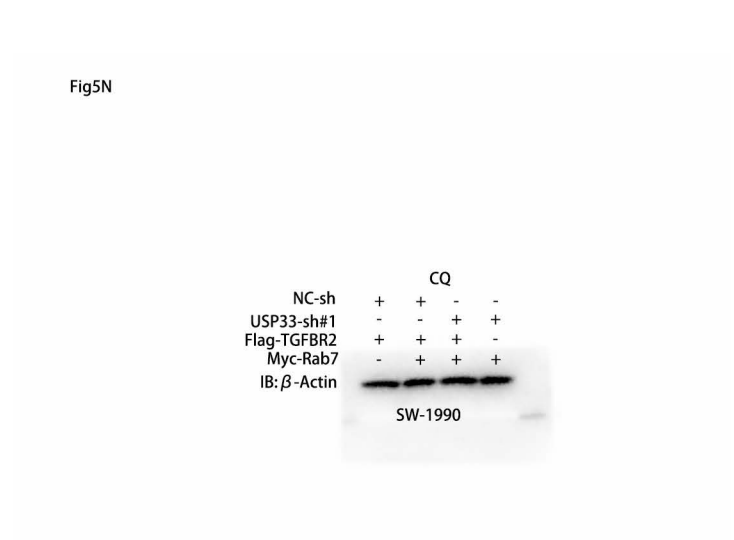
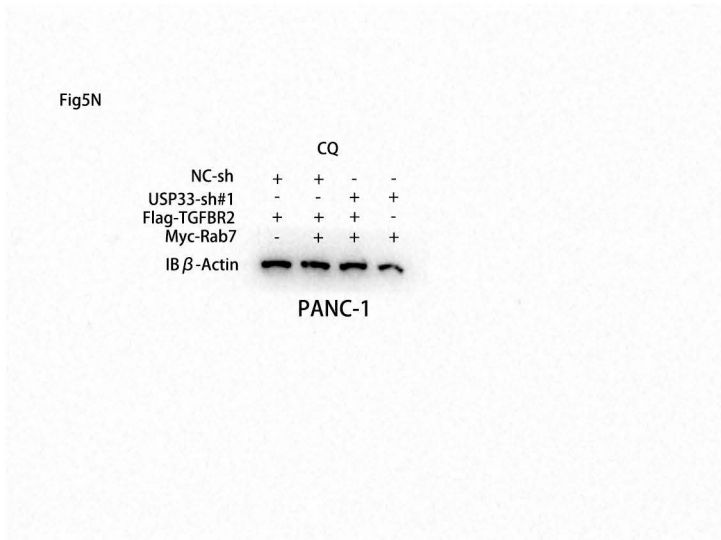
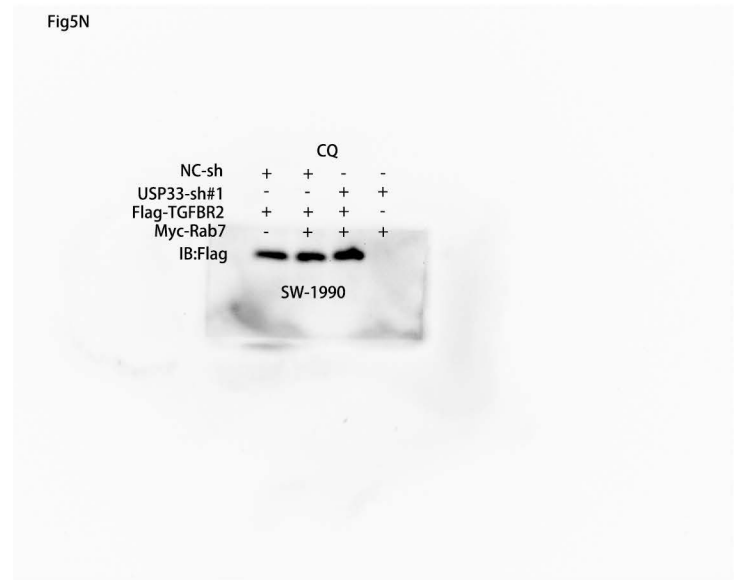
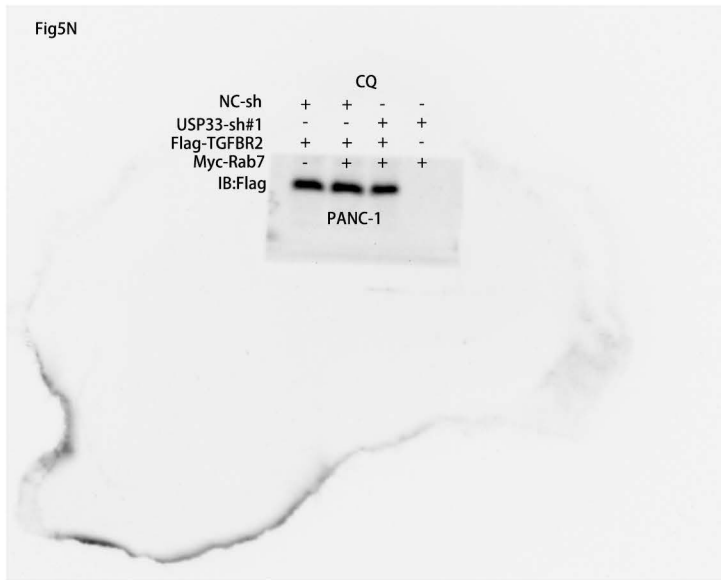
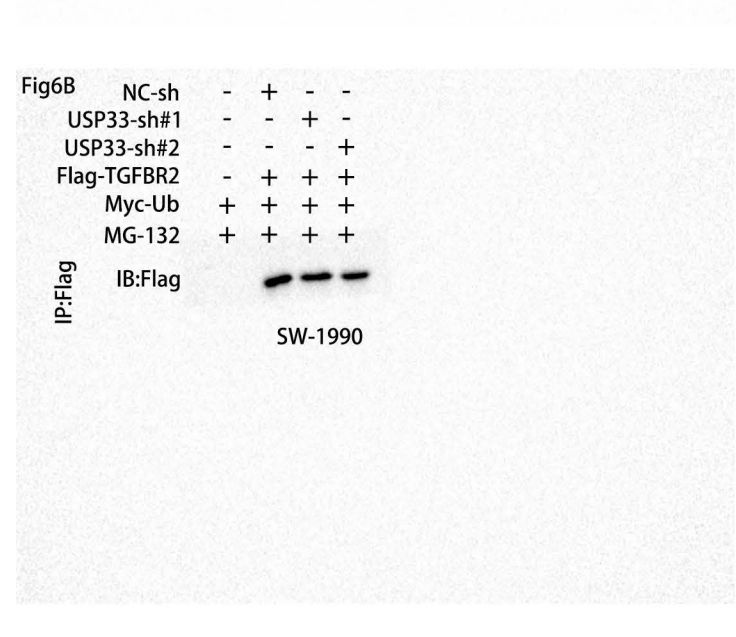
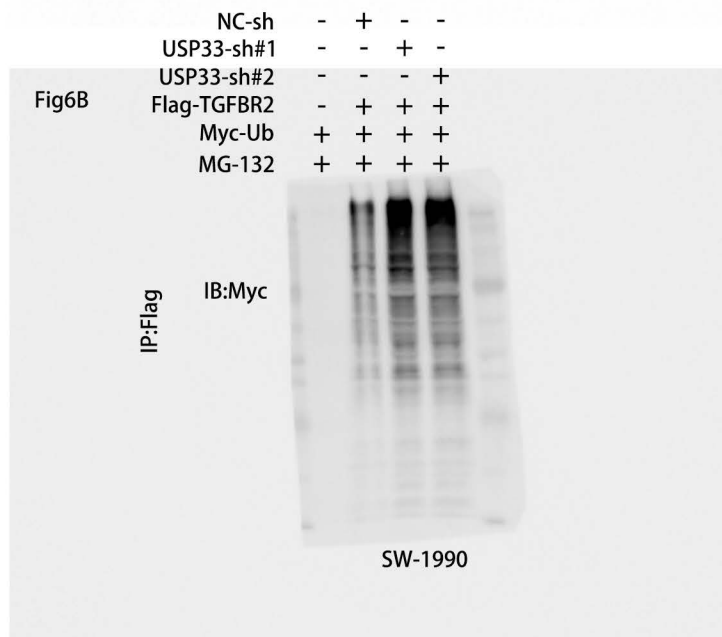
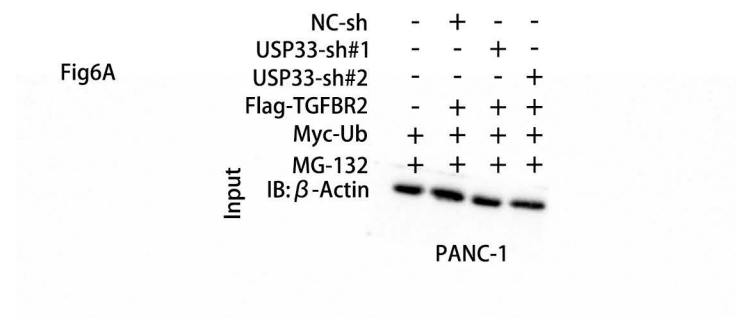
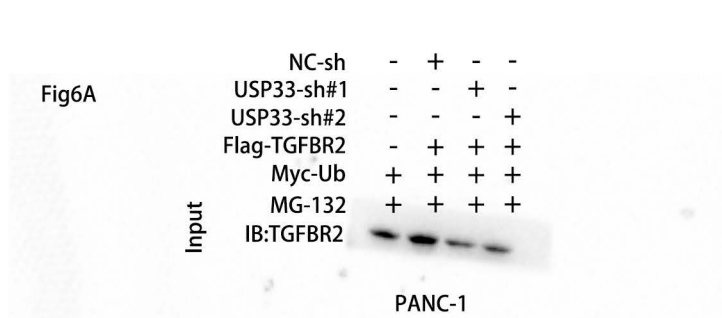
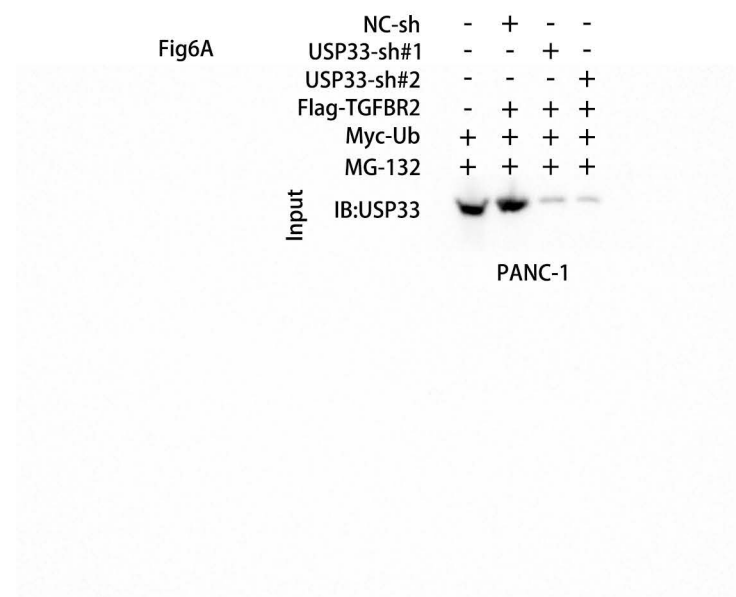
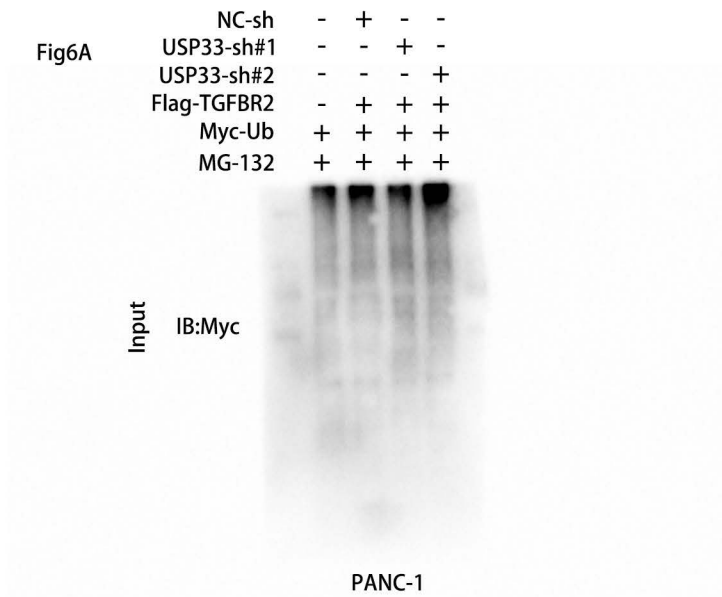
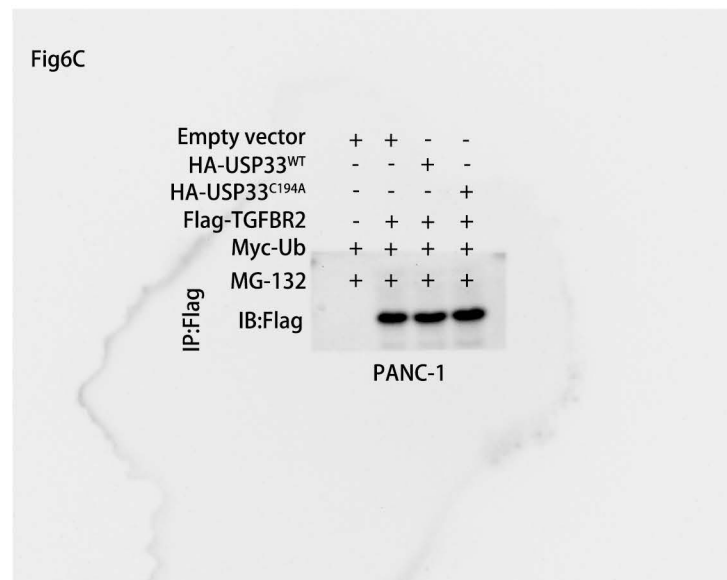
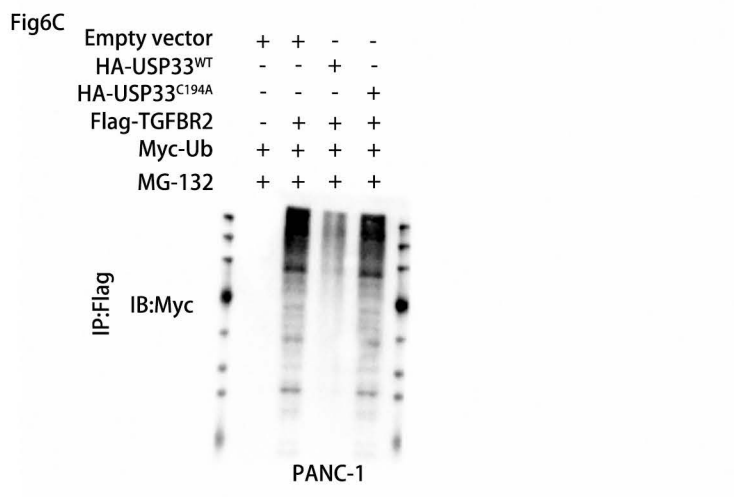
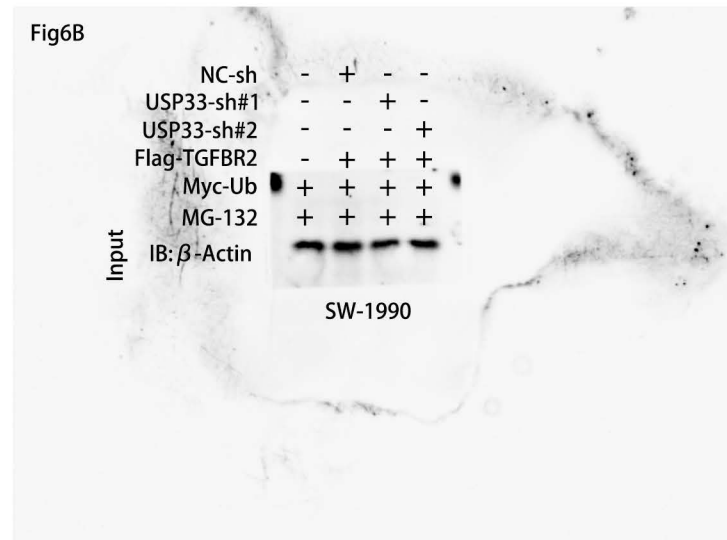
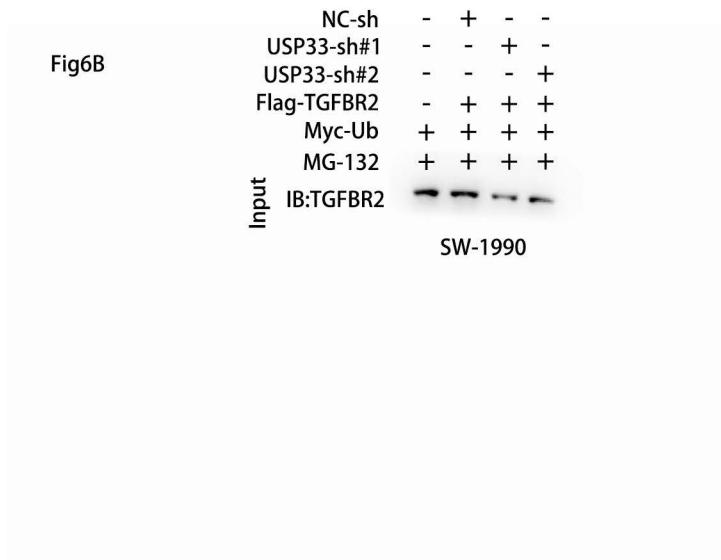
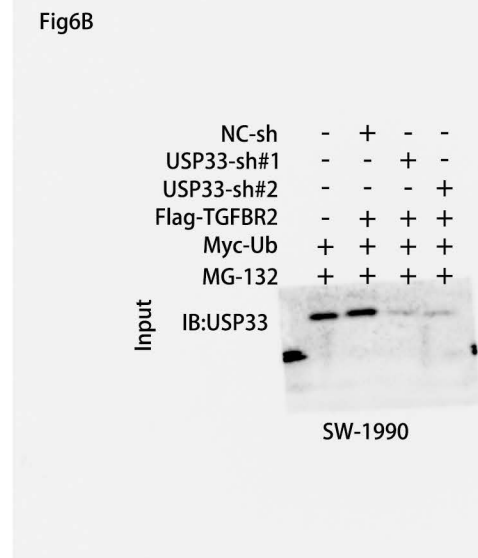
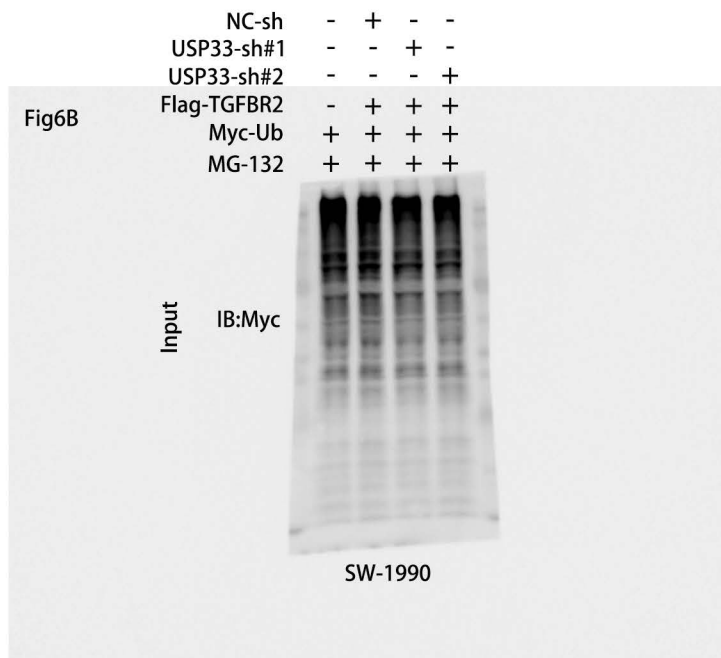


Fig5N









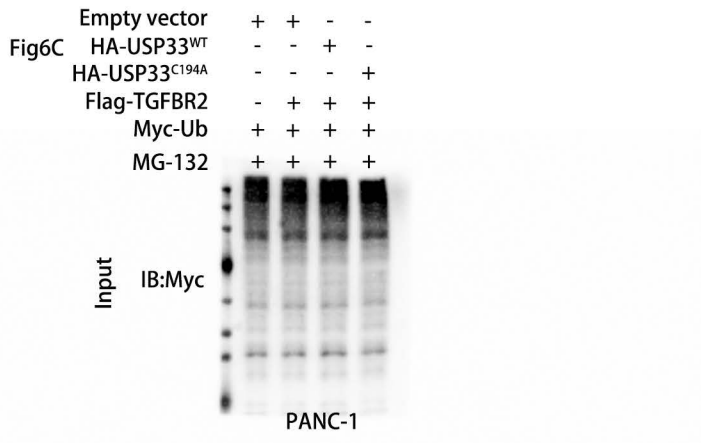


Fig6C

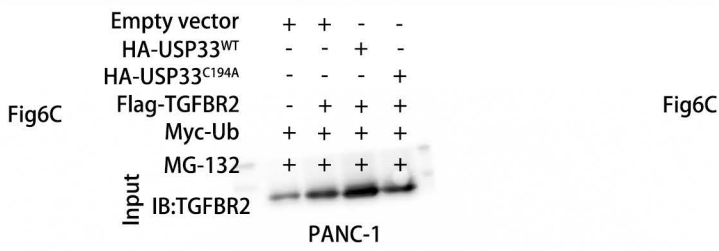
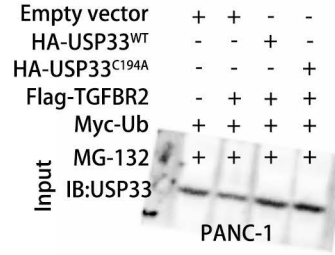


Fig6C

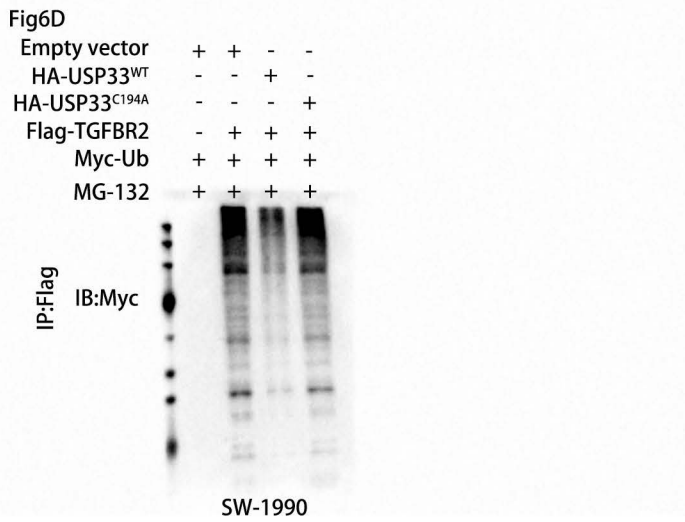
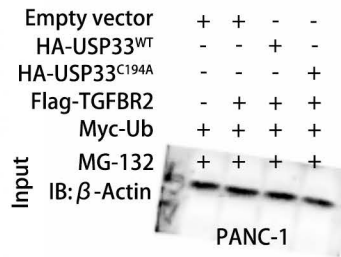


Fig6D

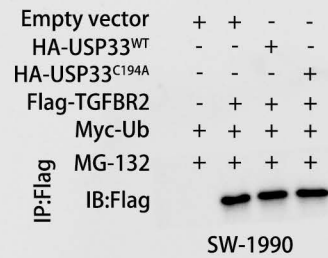


Fig6D

Empty vector	+	+	-	-
HA-USP33 ^{WT}	-	-	+	-
HA-USP33 ^{C194A}	-	-	-	+
Flag-TGFBR2	-	+	+	+
Myc-Ub	+	+	+	+
MG-132	+	+	+	+

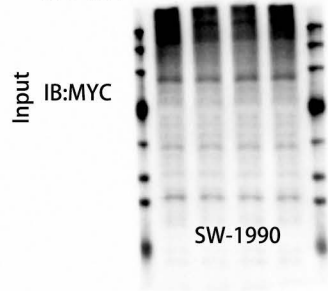


Fig6D

Empty vector	+	+	-	-
HA-USP33 ^{WT}	-	-	+	-
HA-USP33 ^{C194A}	-	-	-	+
Flag-TGFBR2	-	+	+	+
Myc-Ub	+	+	+	+
MG-132	+	+	+	+

Input IB:USP33

SW-1990

Fig6D

Empty vector	+	+	-	-
HA-USP33 ^{WT}	-	-	+	-
HA-USP33 ^{C194A}	-	-	-	+
Flag-TGFBR2	-	+	+	+
Myc-Ub	+	+	+	+
MG-132	+	+	+	+

Input IB:TGFBR2

SW-1990

Fig6D

Empty vector	+	+	-	-
HA-USP33 ^{WT}	-	-	+	-
HA-USP33 ^{C194A}	-	-	-	+
Flag-TGFBR2	-	+	+	+
Myc-Ub	+	+	+	+
MG-132	+	+	+	+

Input IB:β-Actin

SW-1990

Fig6E

Myc-Ub	K6R	
	-	+
Vector	-	+
HA-USP33	-	-
Flag-TGFBR2	-	+
MG-132	+	+

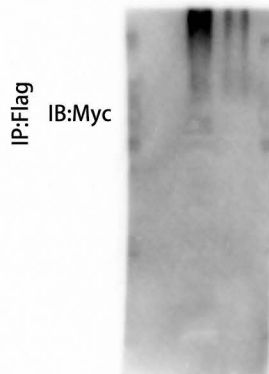
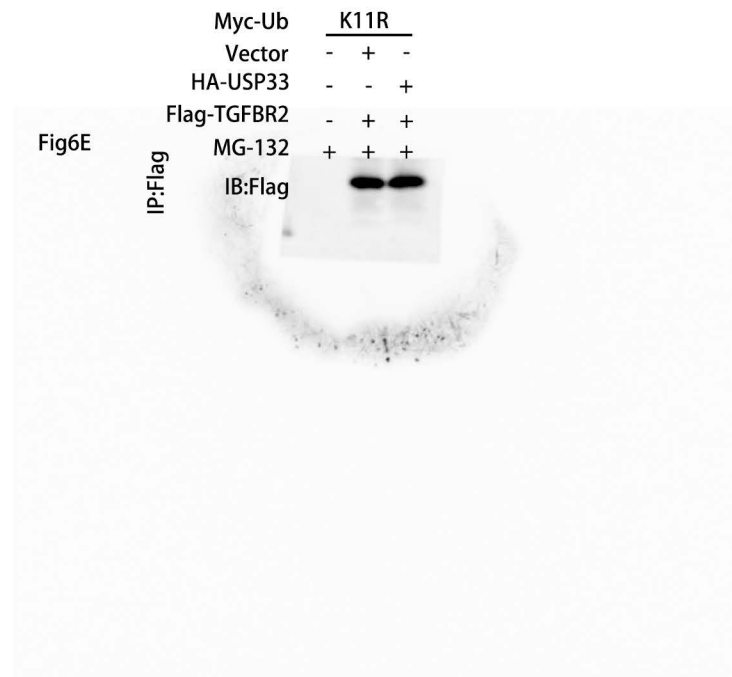
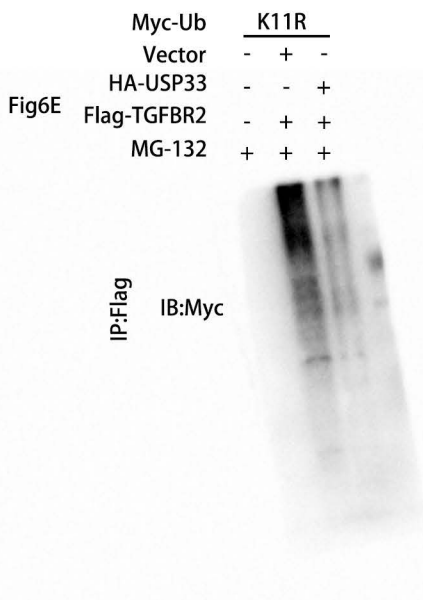
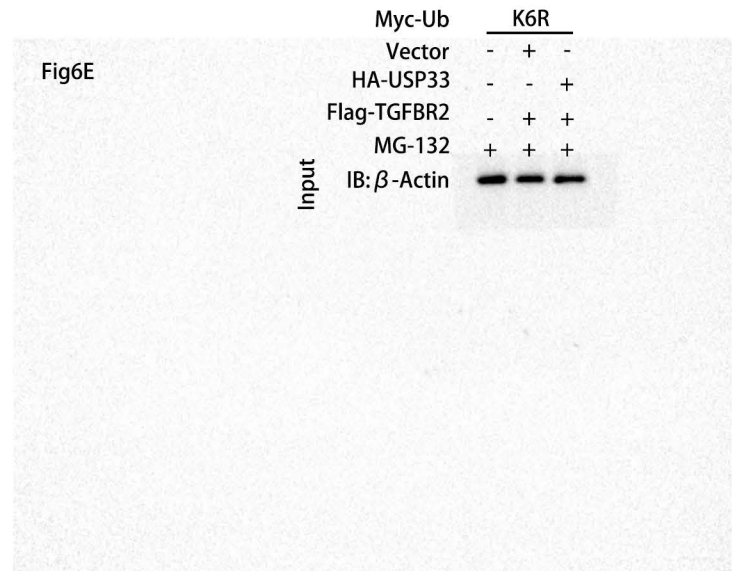
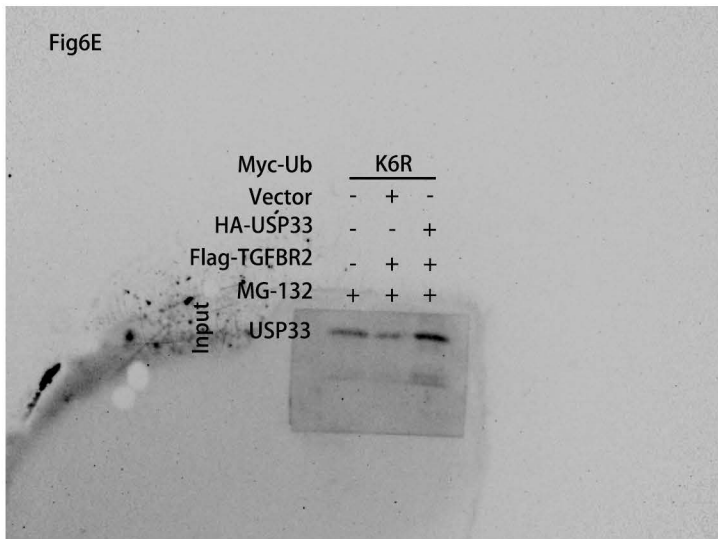
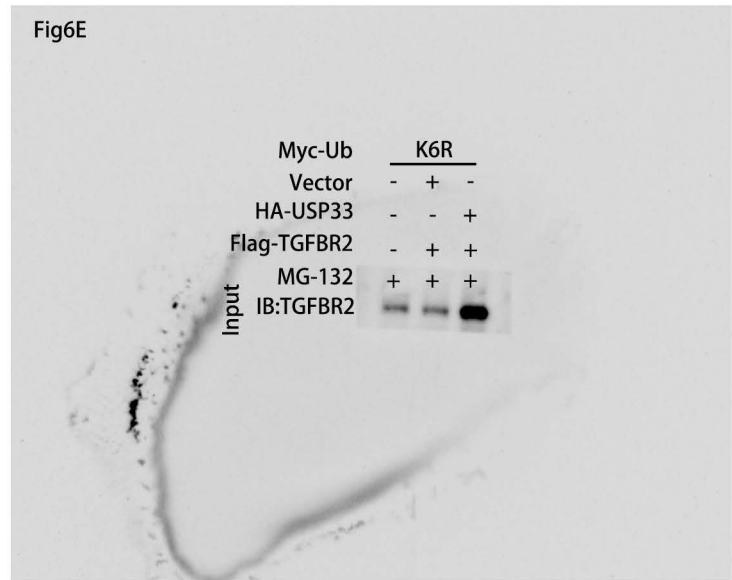
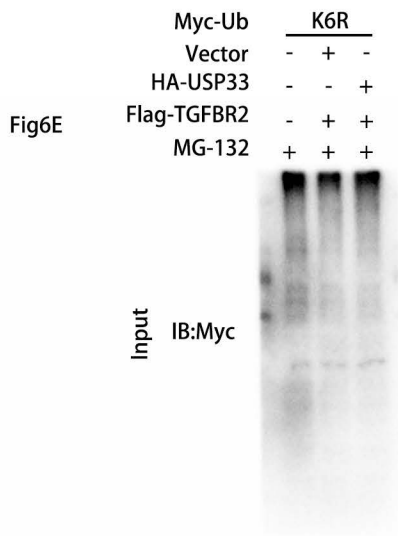
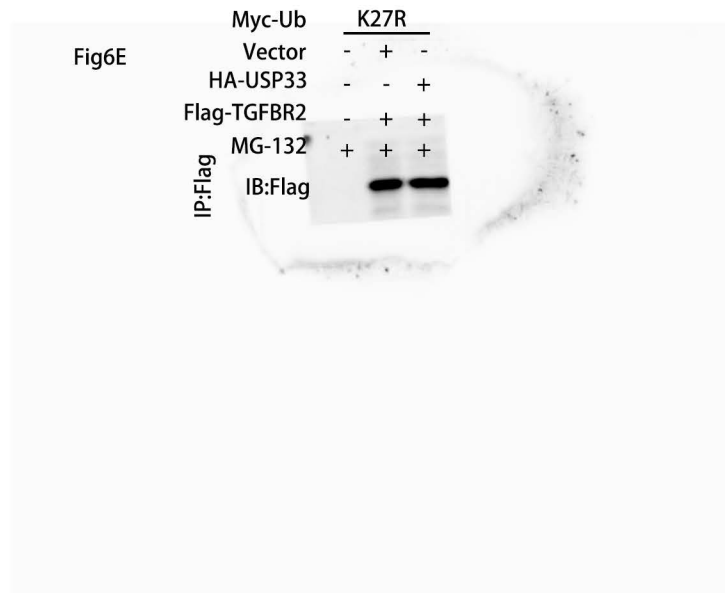
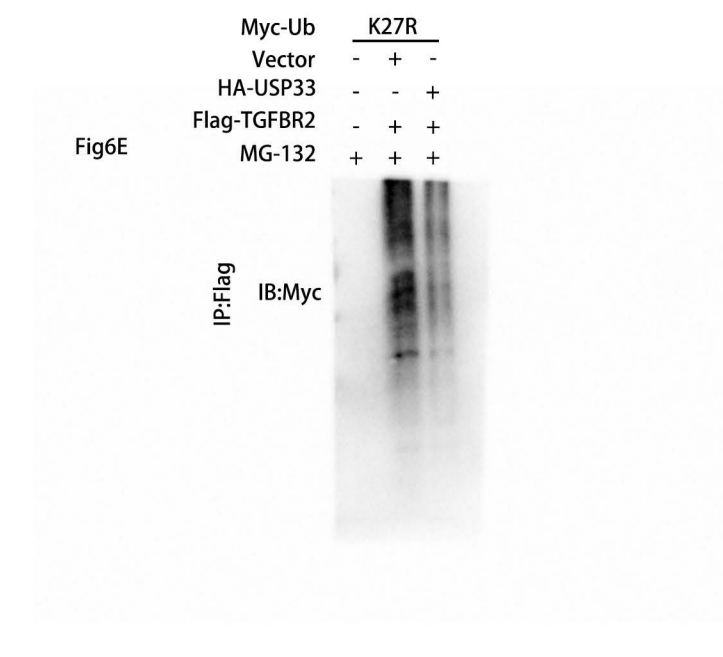
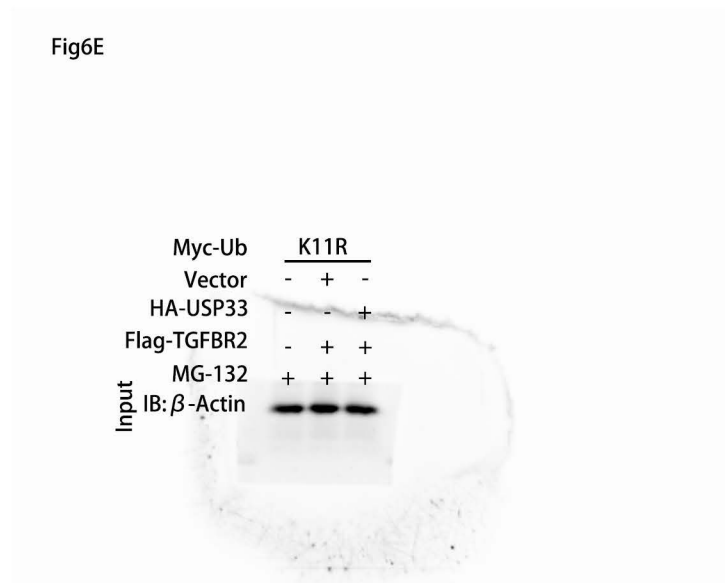
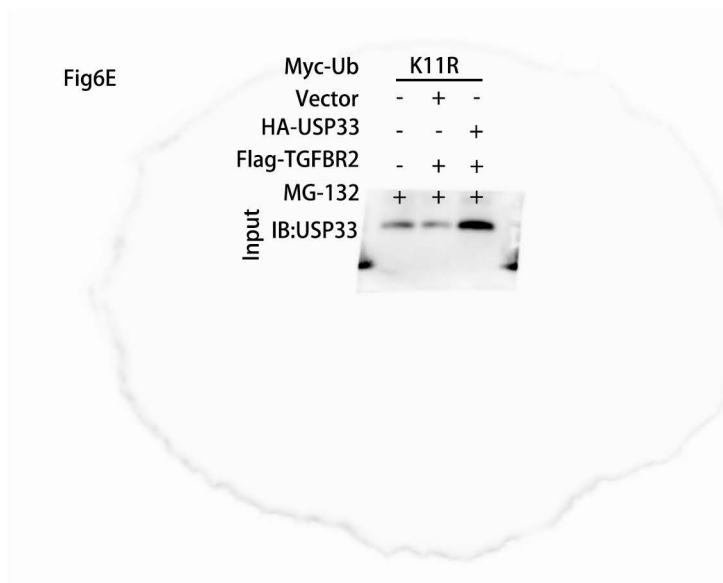
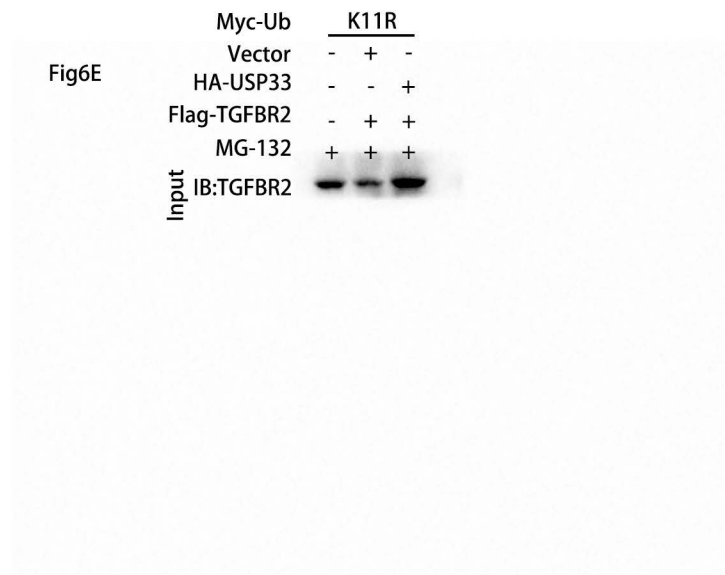
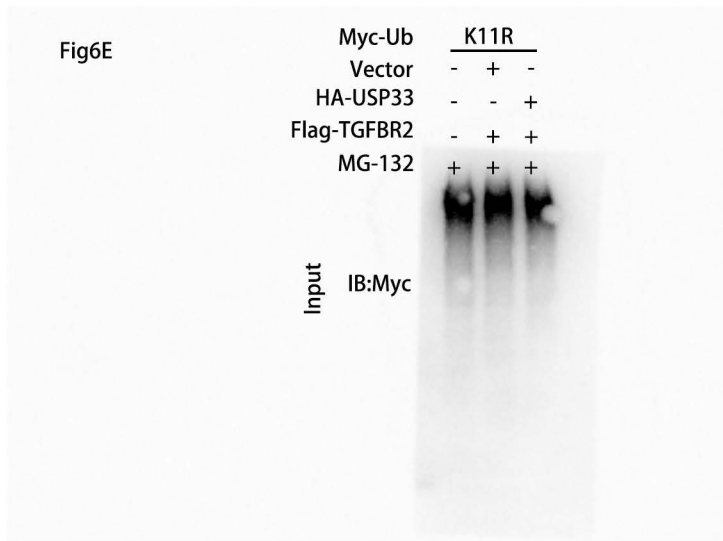


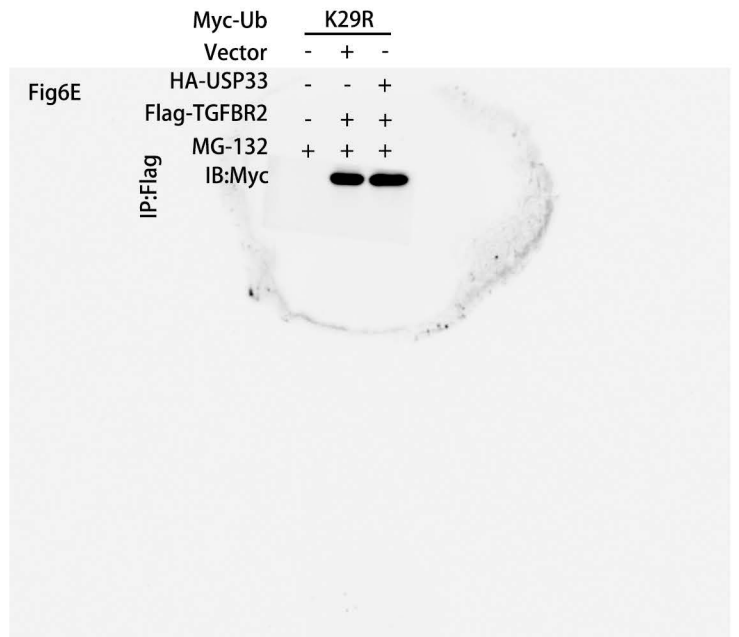
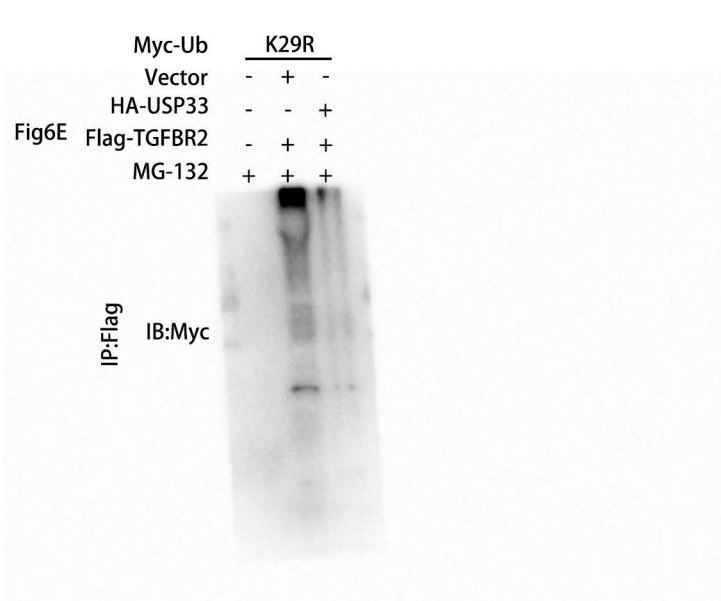
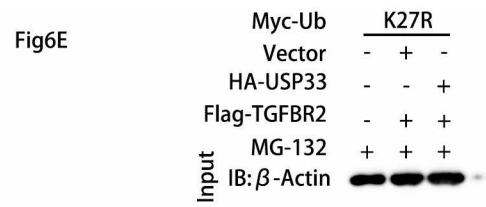
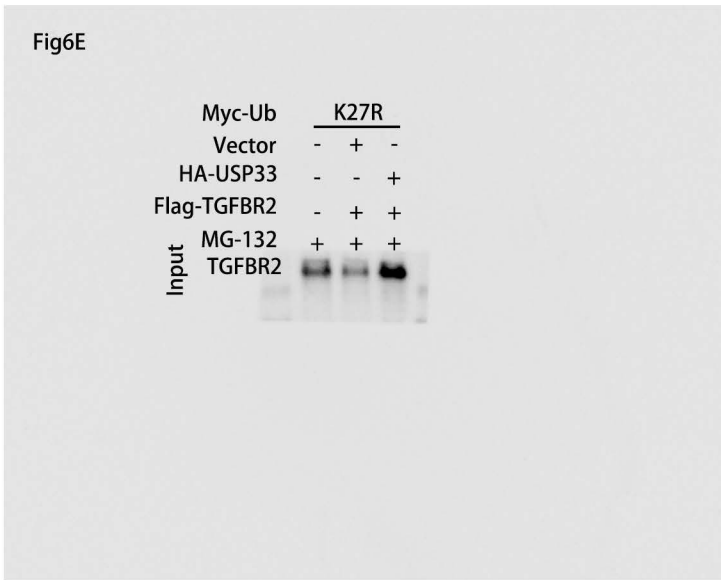
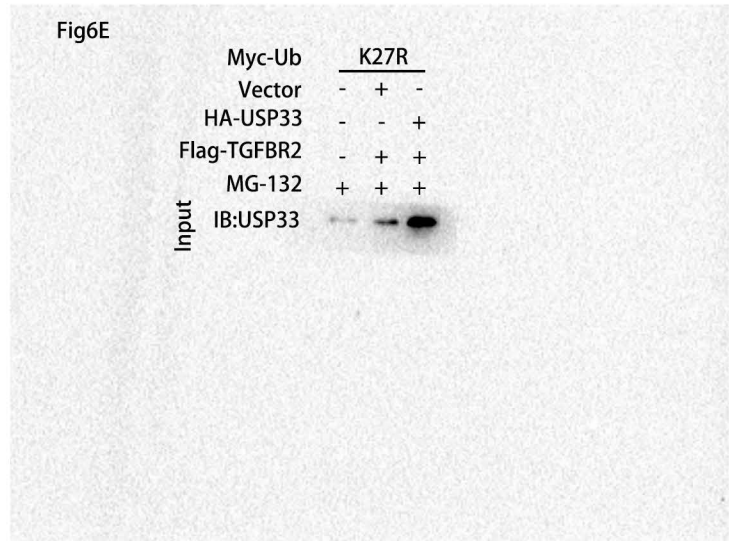
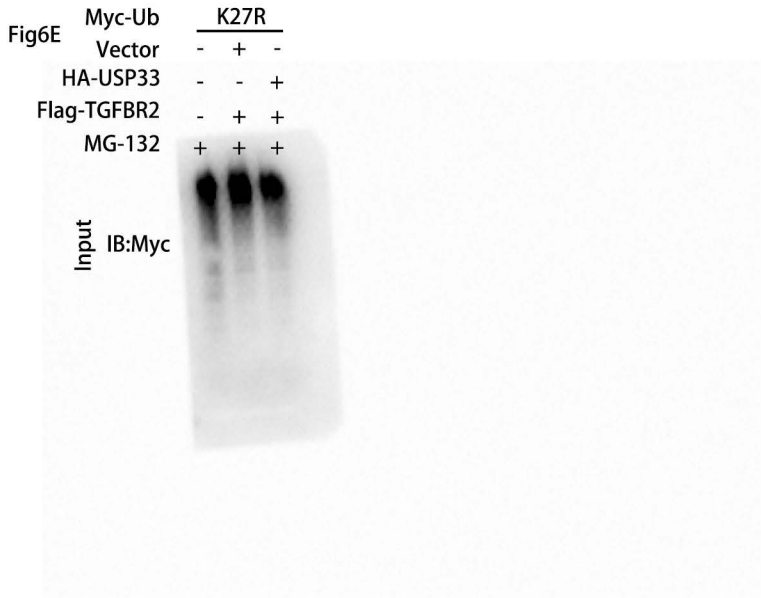
Fig6E

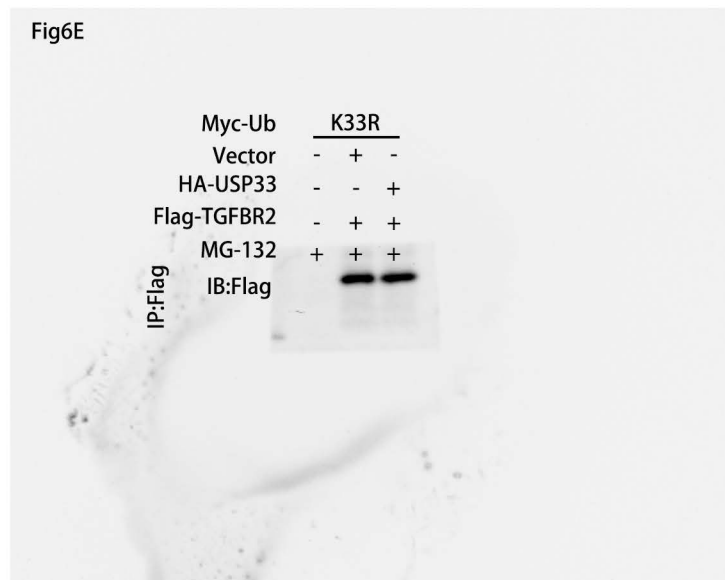
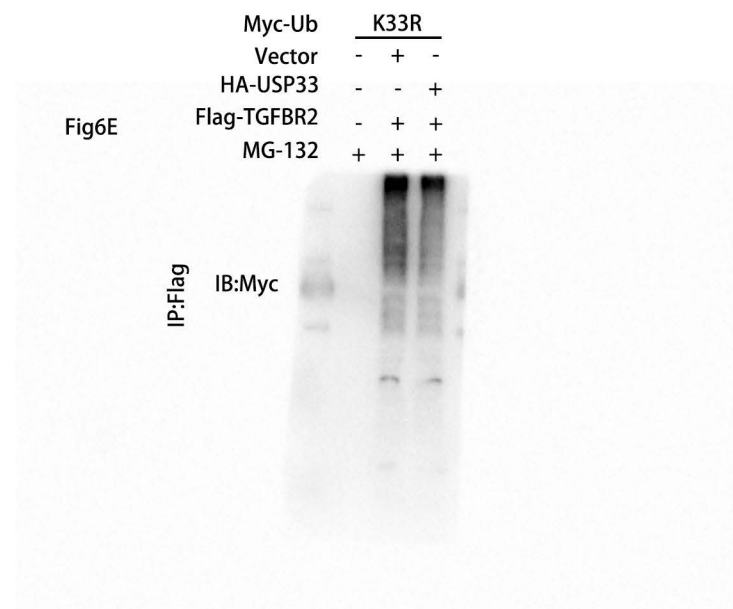
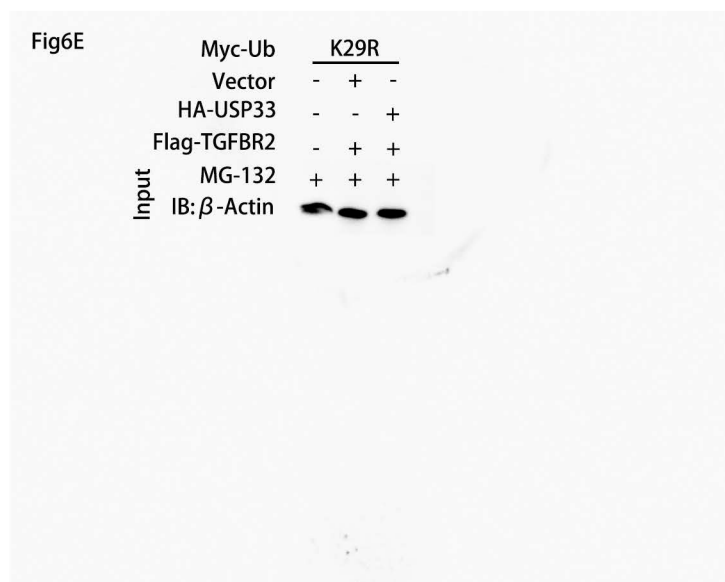
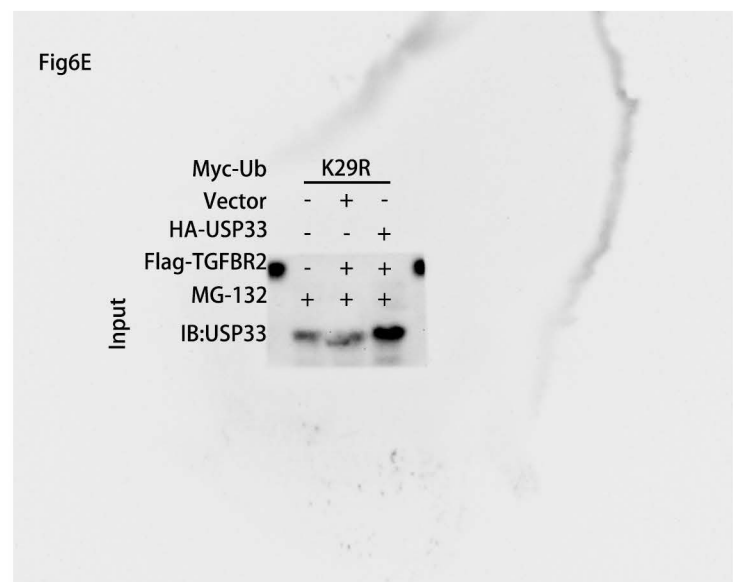
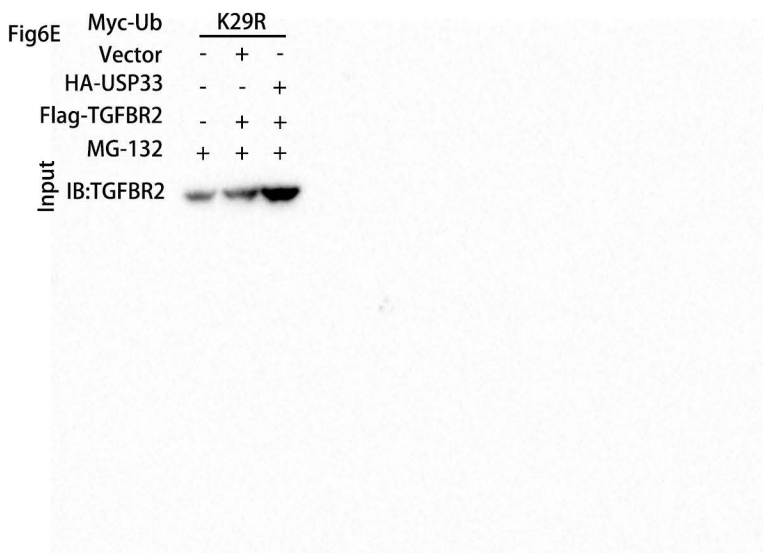
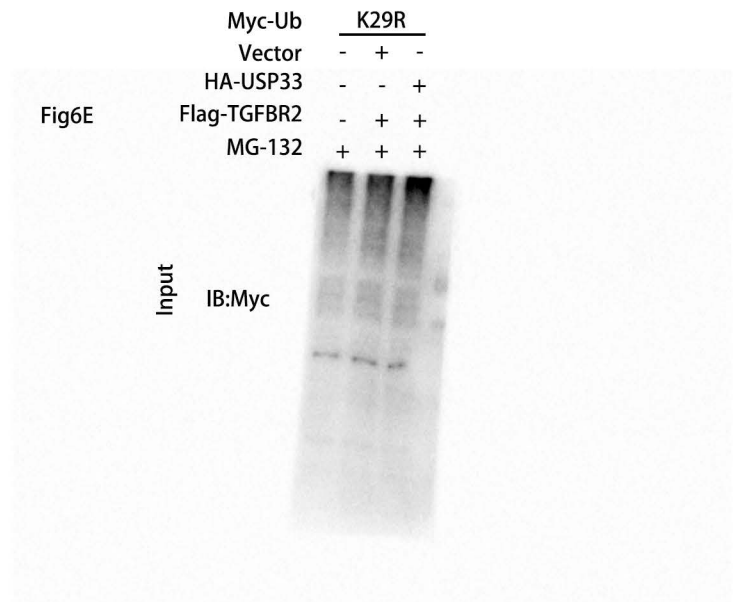
Myc-Ub	K6R	
	-	+
Vector	-	+
HA-USP33	-	-
Flag-TGFBR2	-	+
MG-132	+	+

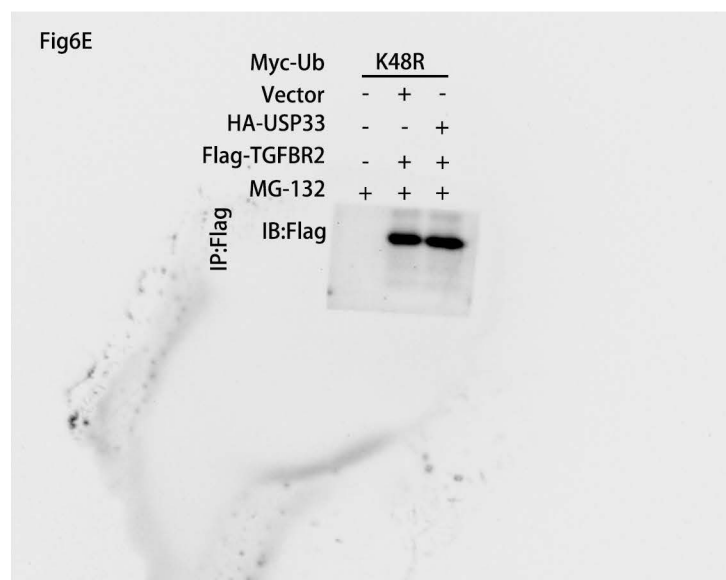
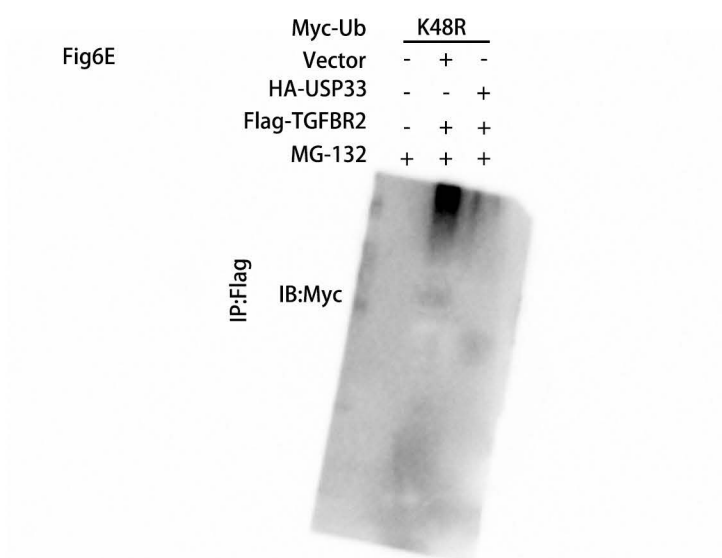
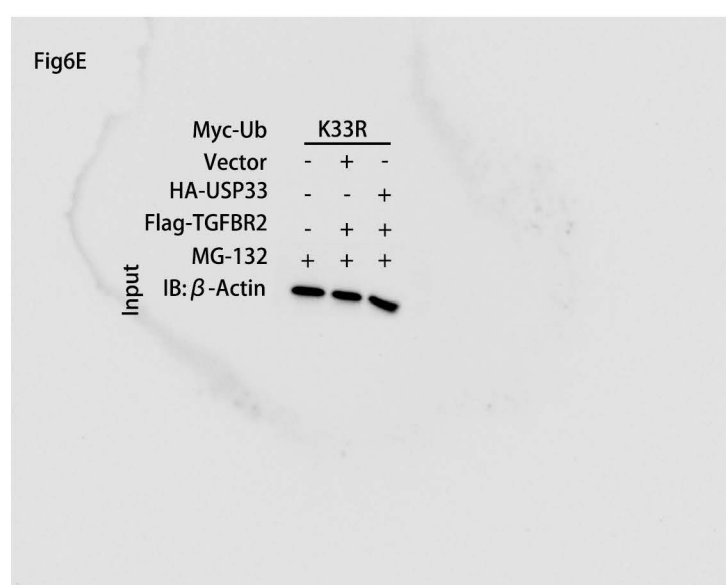
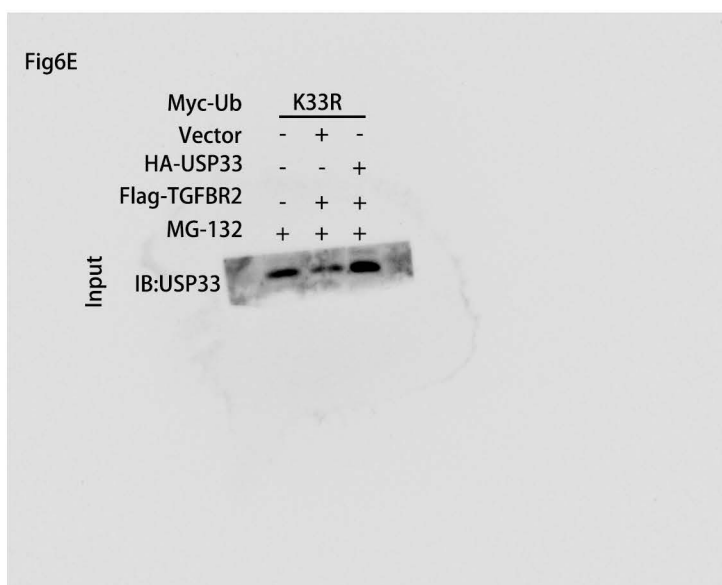
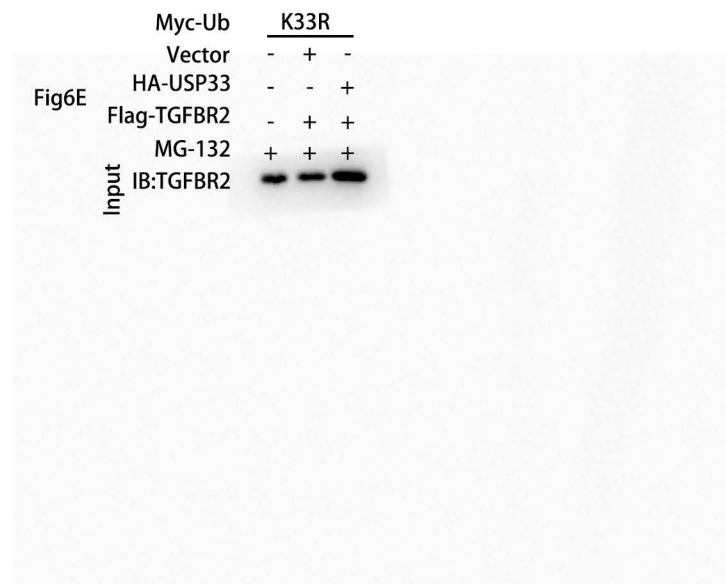
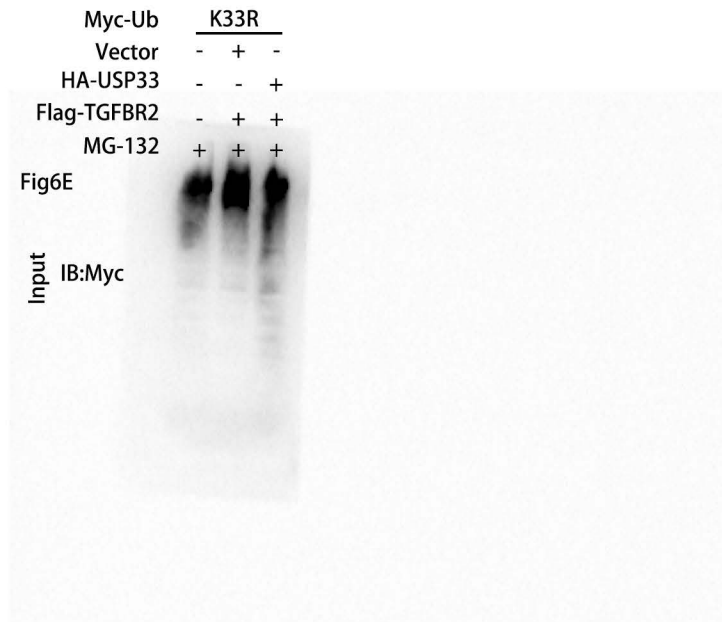
IP:Flag IB:Flag

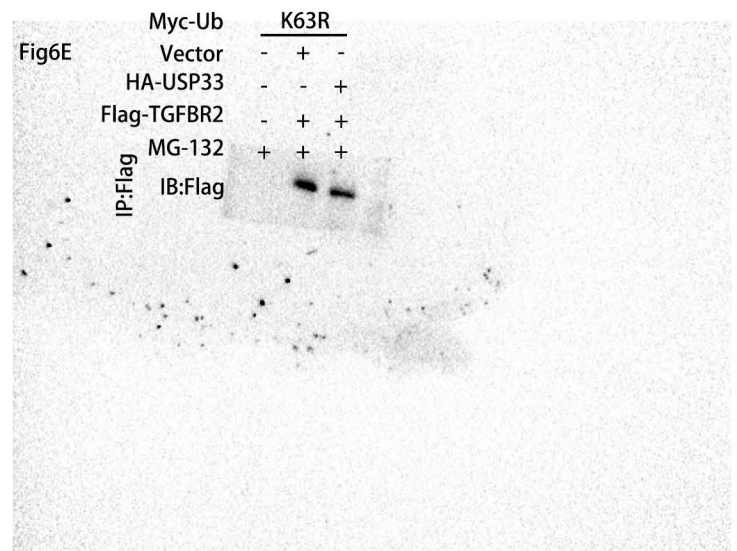
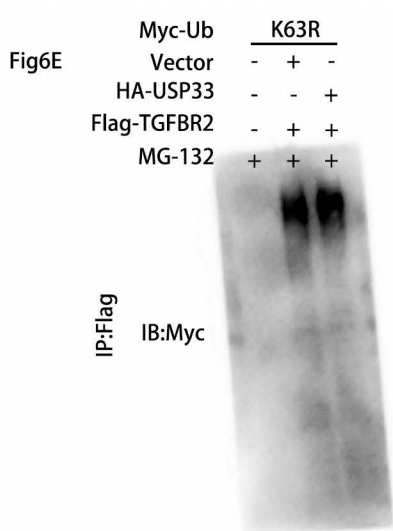
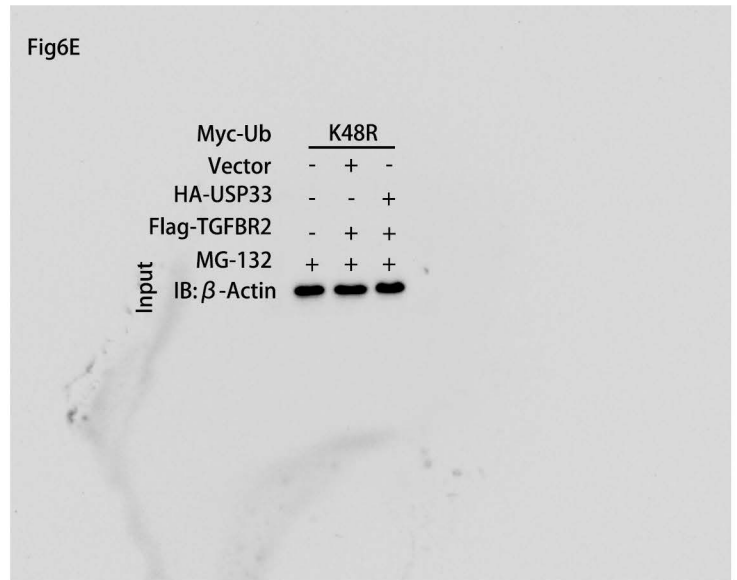
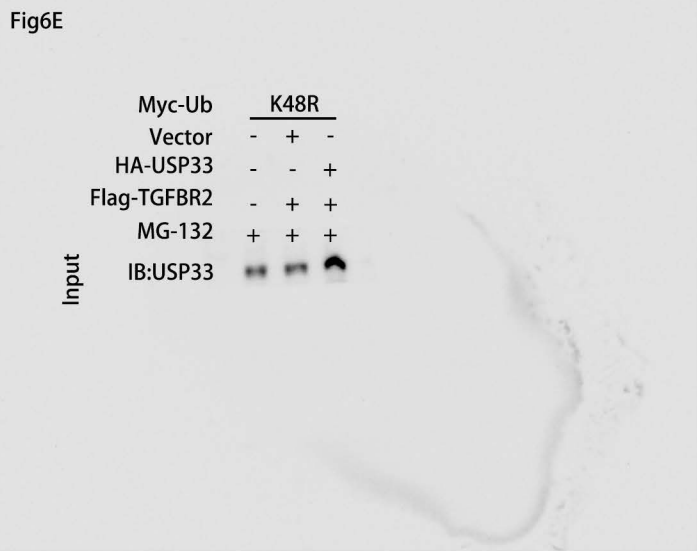
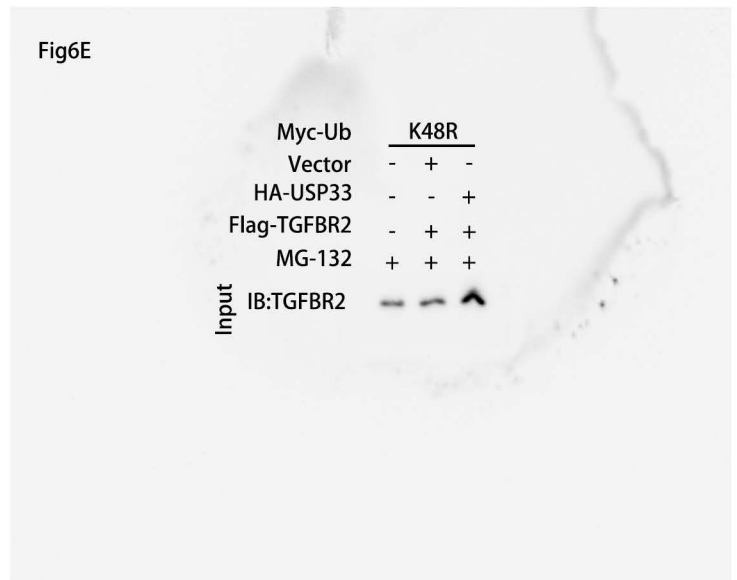
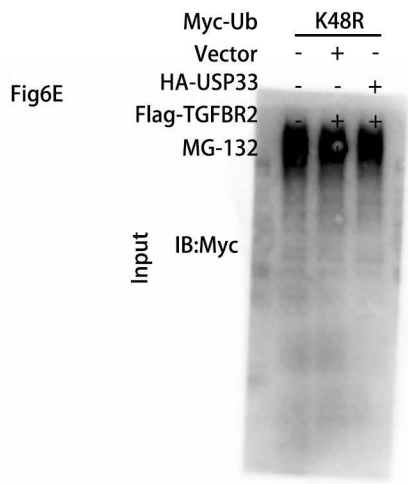


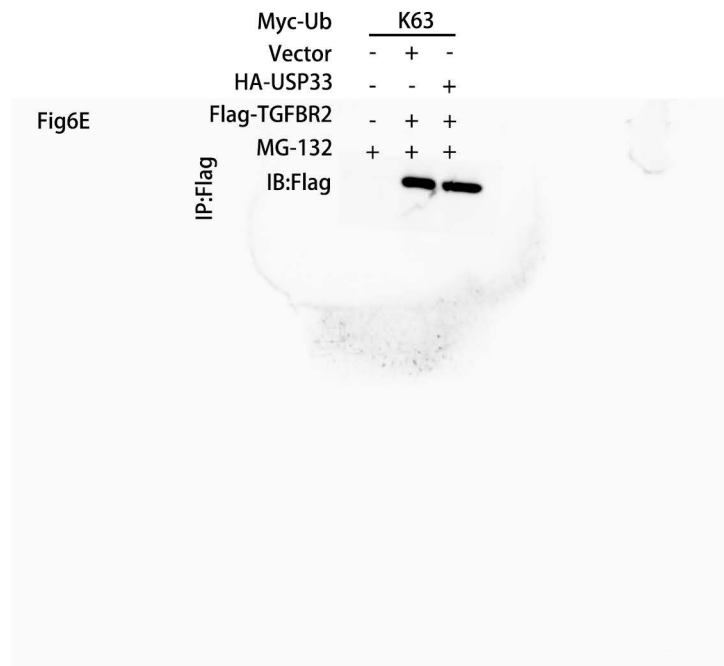
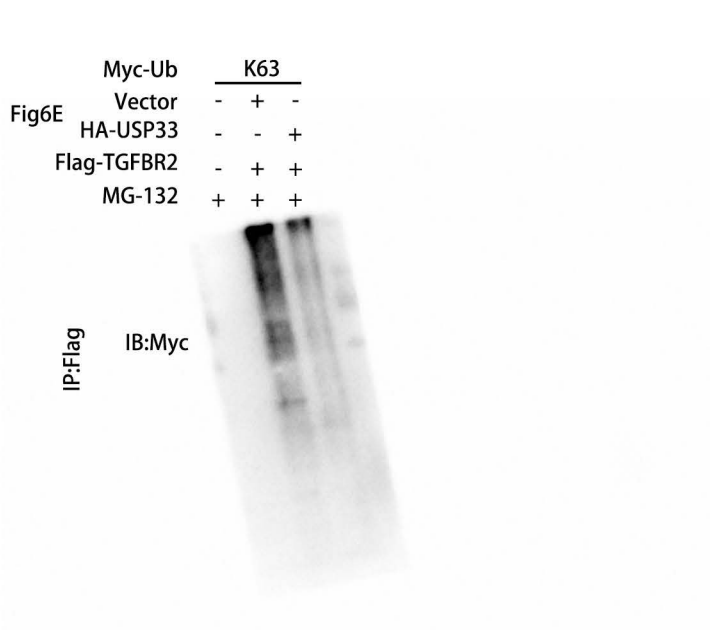
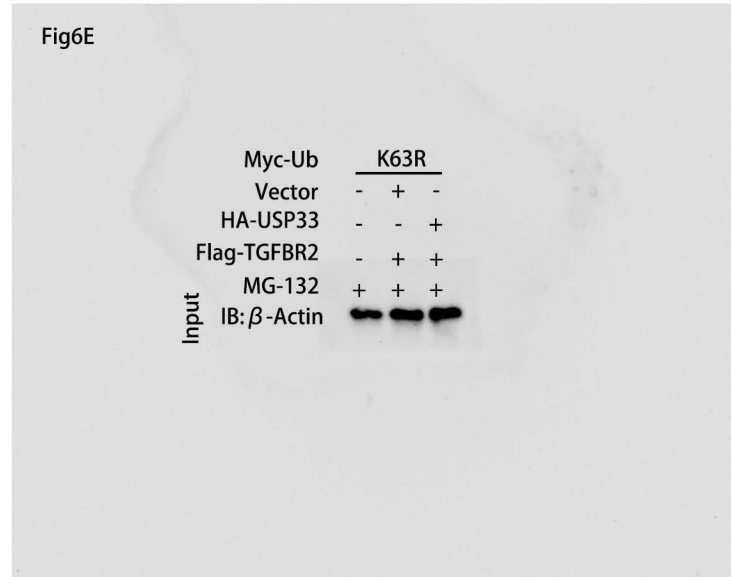
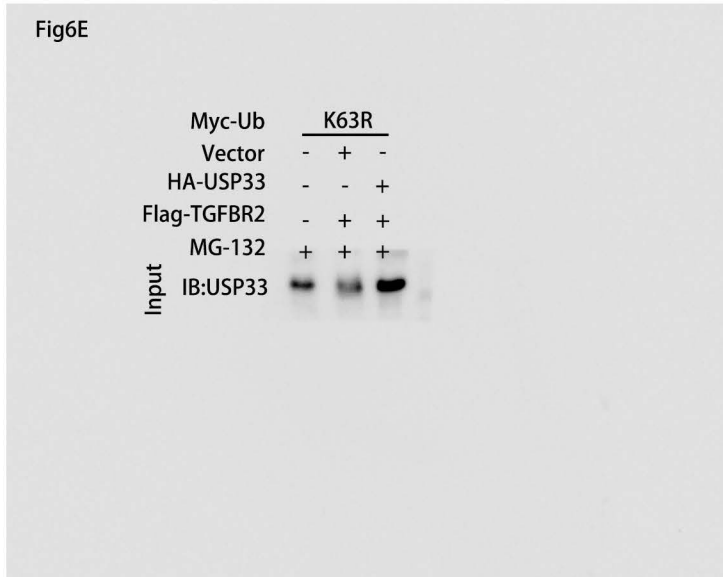
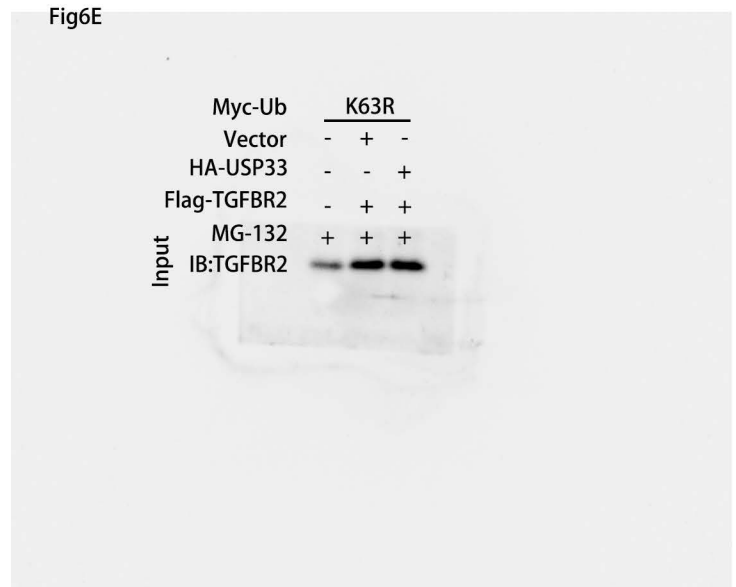
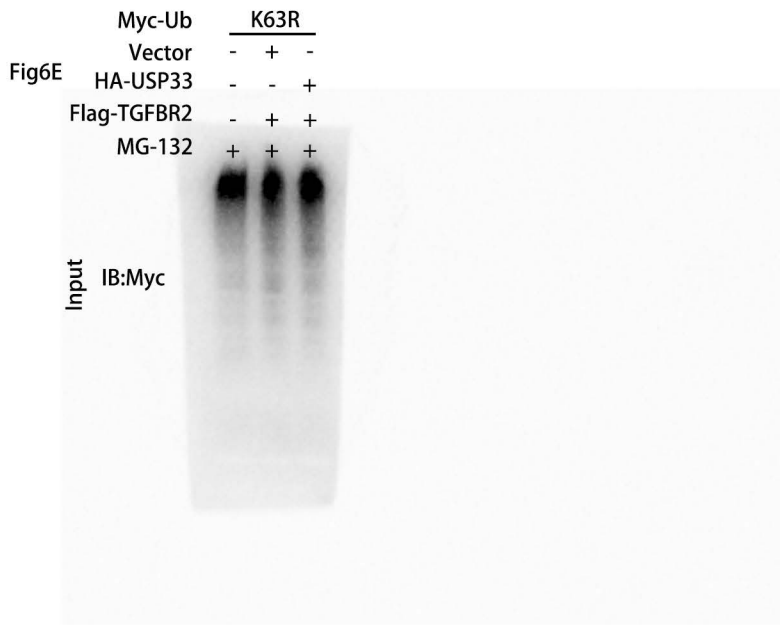


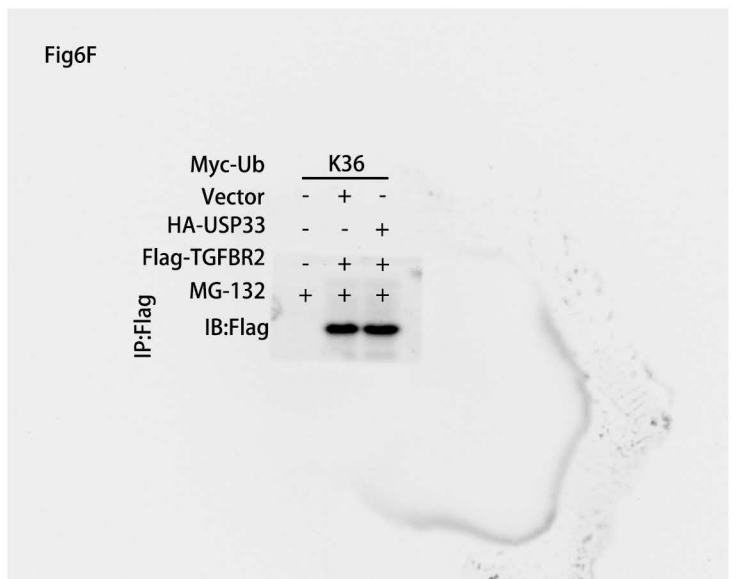
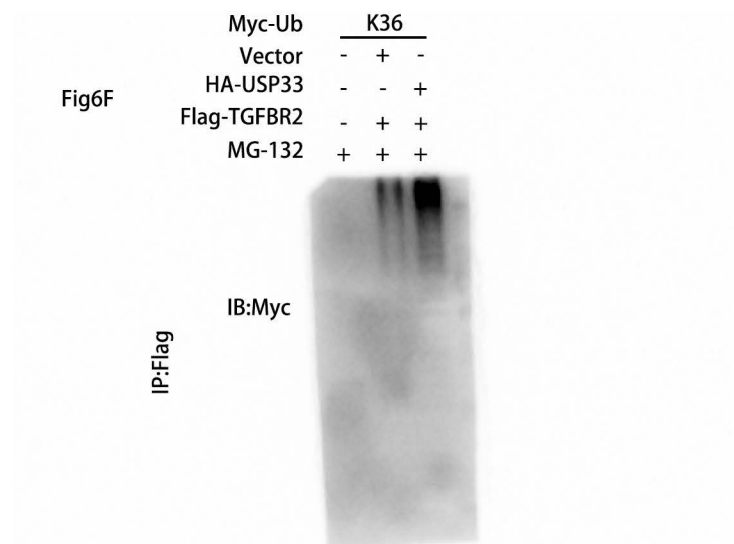
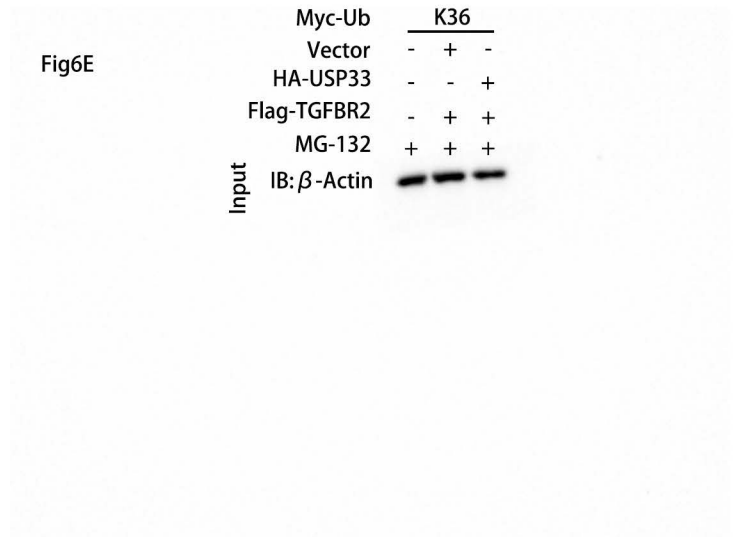
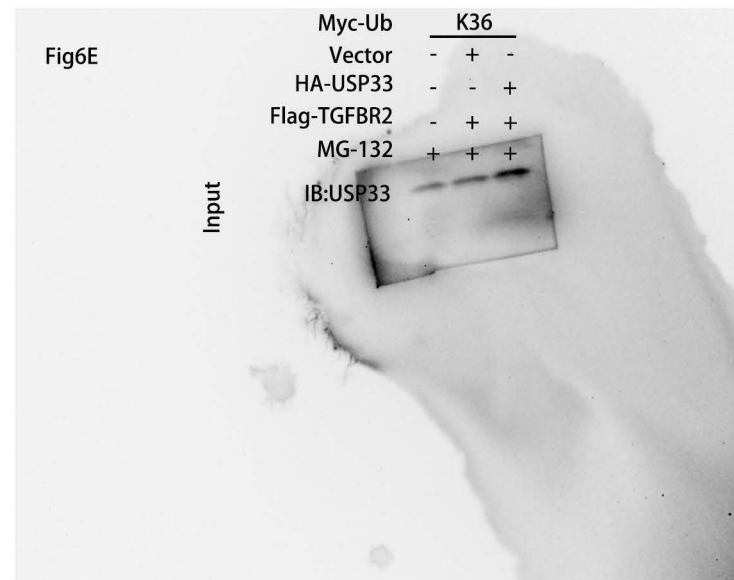
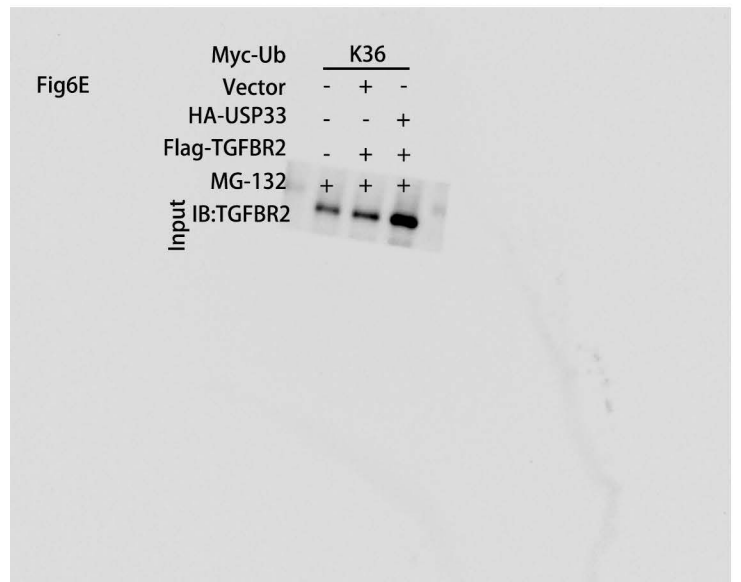
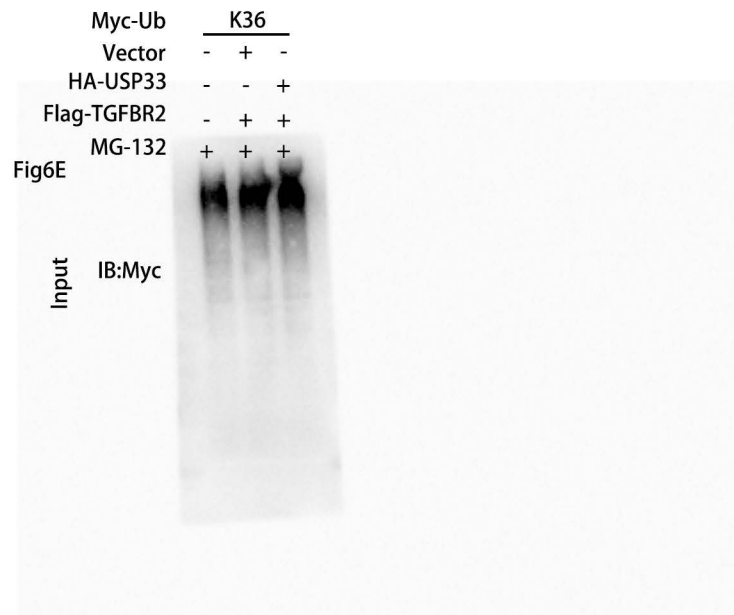












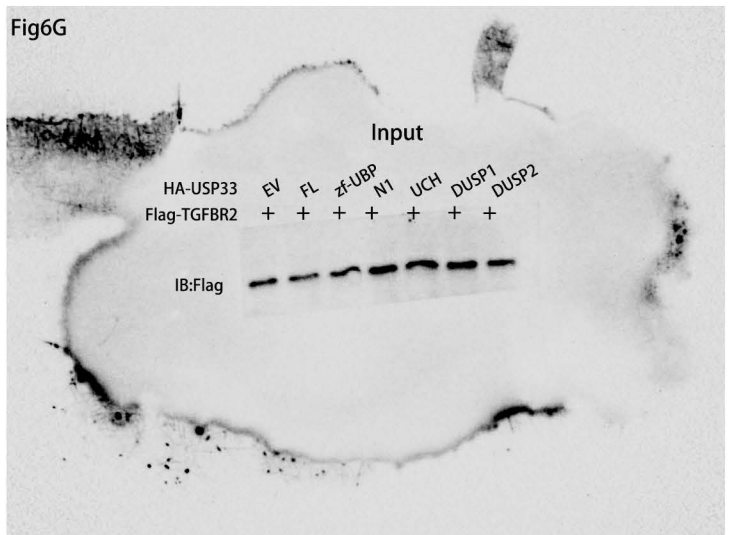
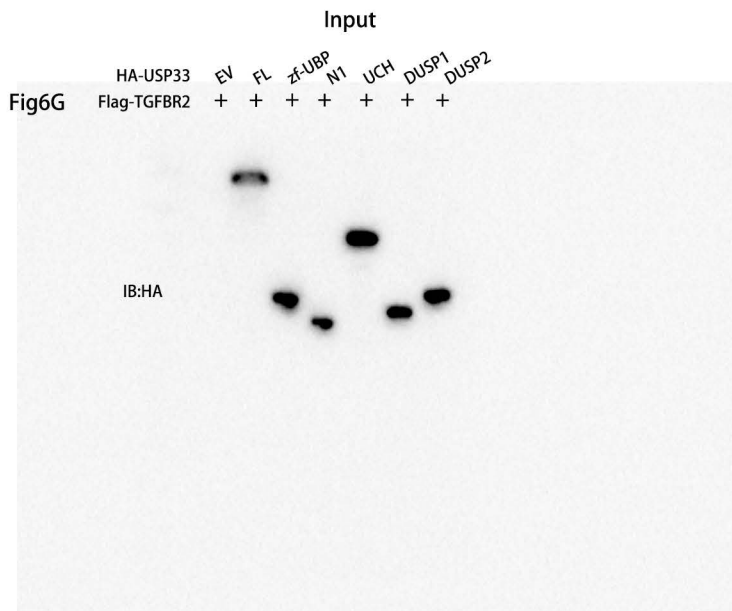
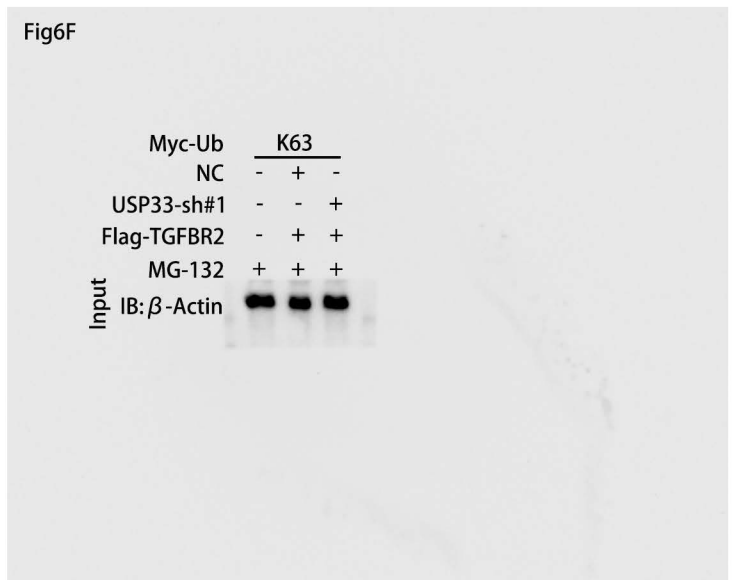
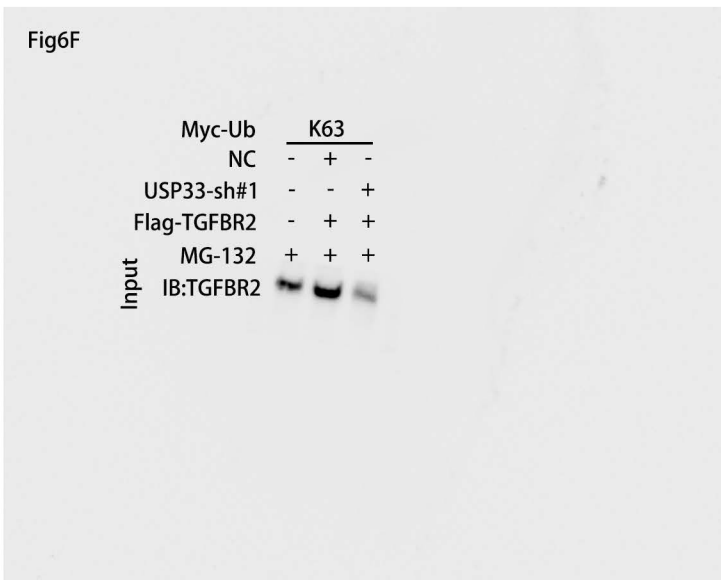
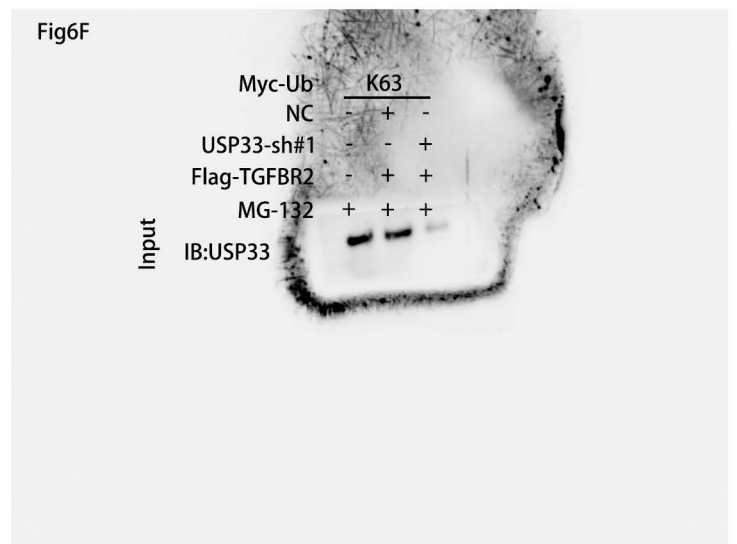
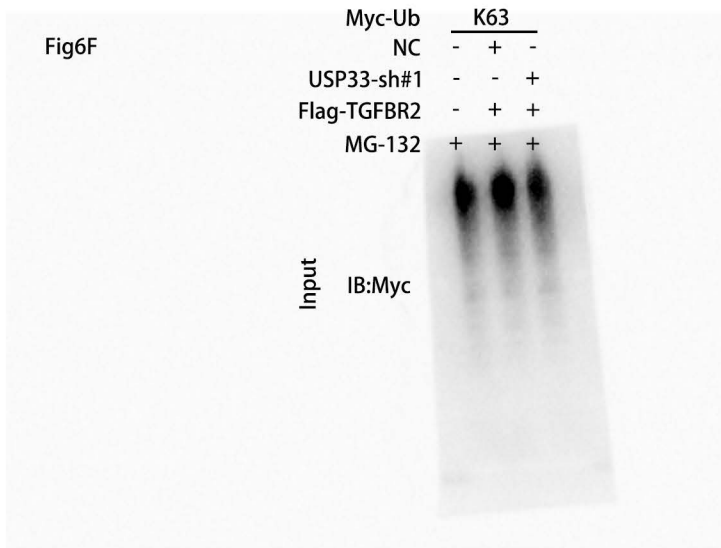


Fig6G

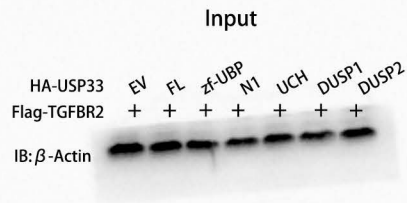


Fig6G

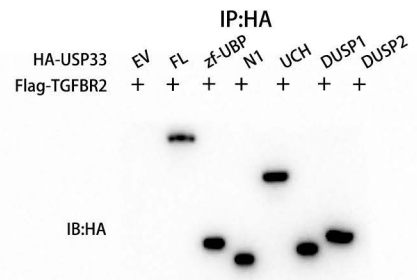


Fig6G

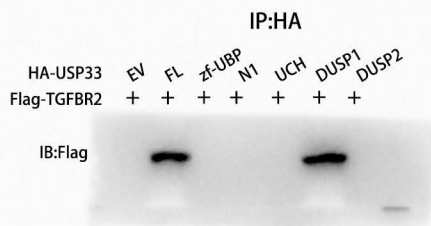


Fig6H

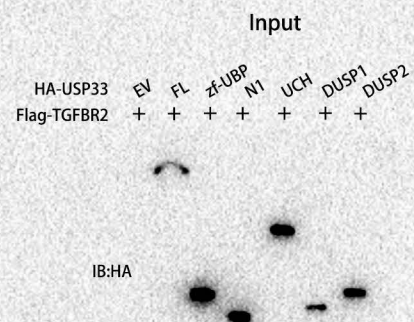


Fig6H

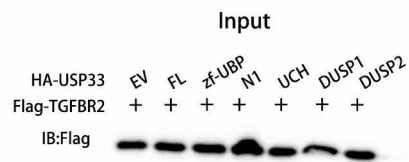
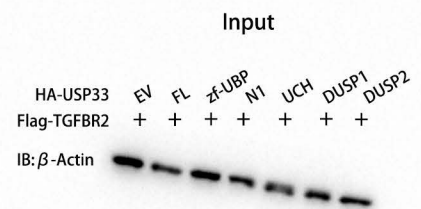


Fig6H



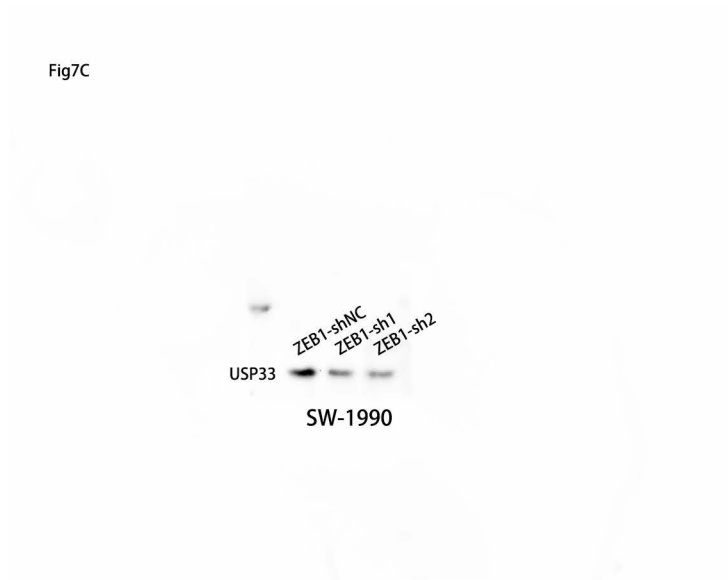
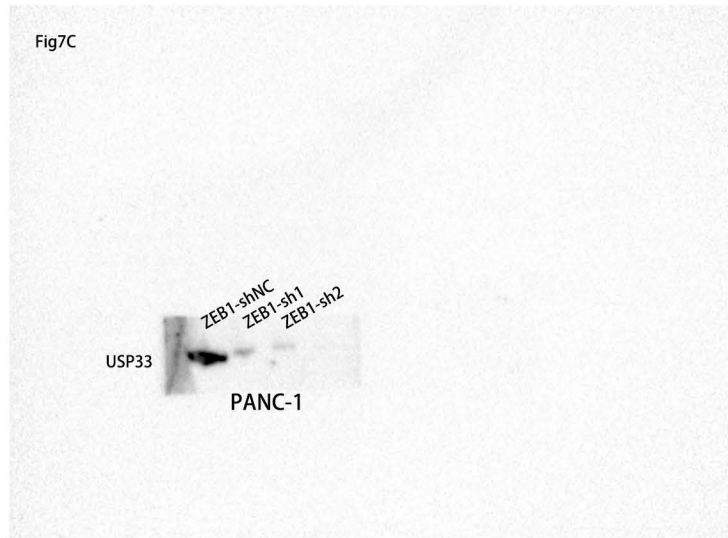
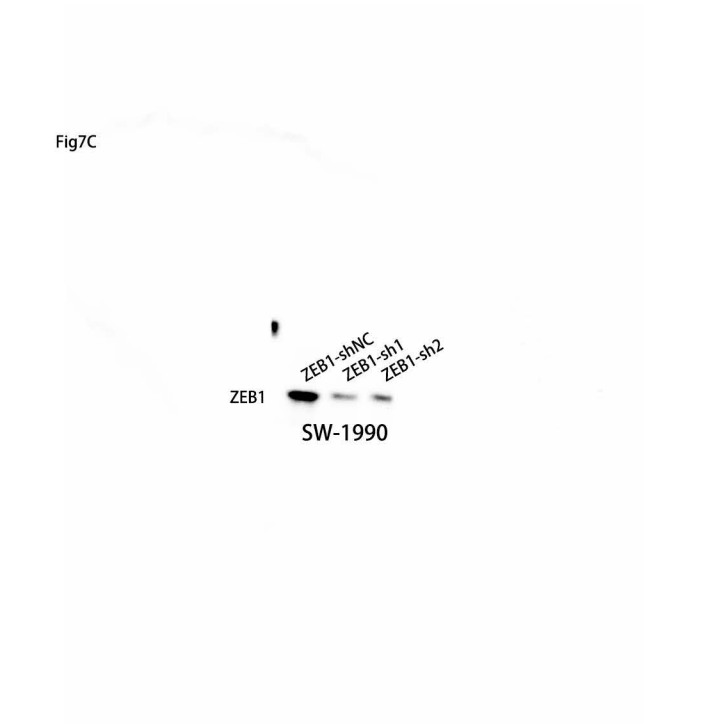
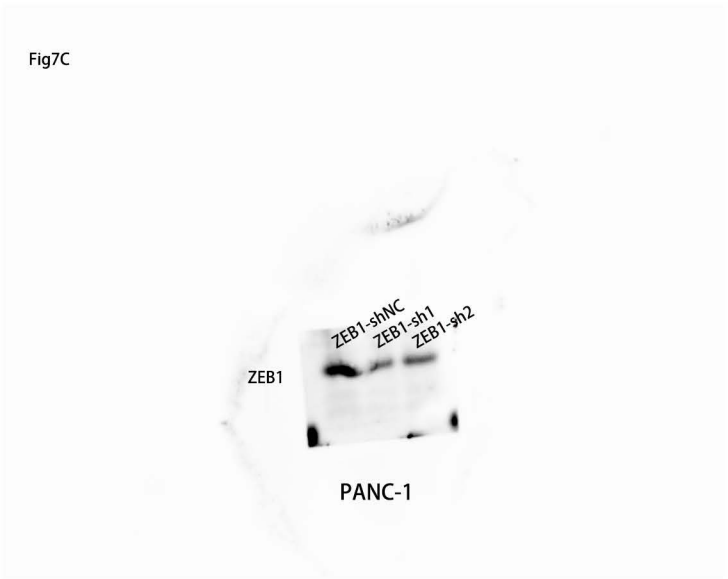
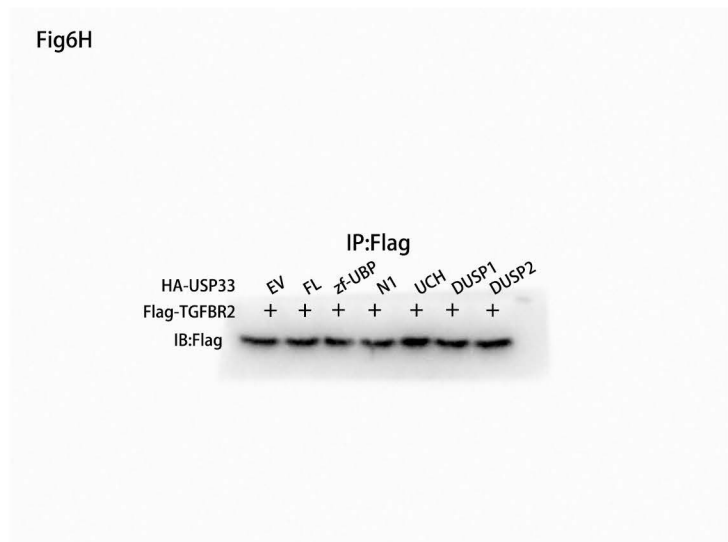
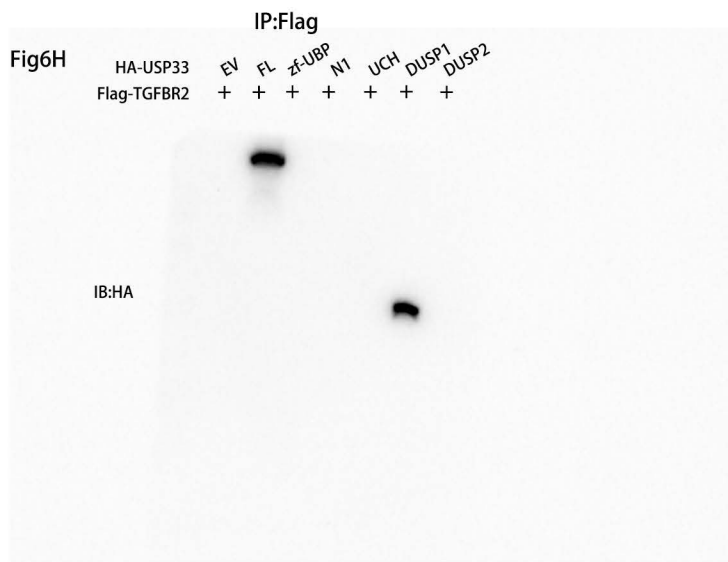


Fig7C

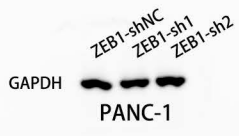


Fig7C

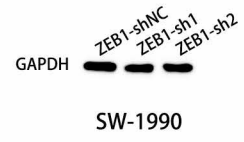


Fig7C

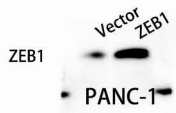


Fig7C

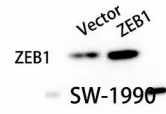


Fig7C

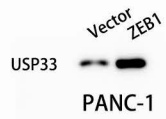


Fig7C

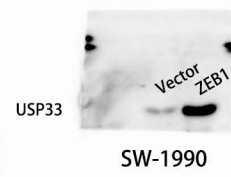
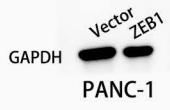


Fig7C

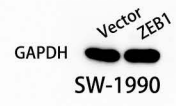
GAPDH
Vector ZEB1
PANC-1



Detailed description: This Western blot image shows the protein levels of GAPDH and ZEB1 in PANC-1 cells. The GAPDH loading control shows two bands of similar intensity, indicating equal protein loading for both the Vector and ZEB1 treated groups. The ZEB1 target shows a significantly stronger band in the ZEB1 treated group compared to the Vector control, demonstrating successful overexpression of ZEB1.

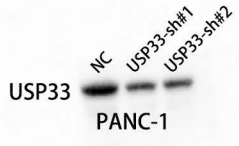
Fig7C

GAPDH
Vector ZEB1
SW-1990

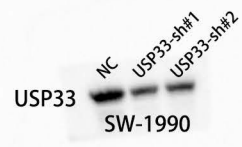


Detailed description: This Western blot image shows the protein levels of GAPDH and ZEB1 in SW-1990 cells. The GAPDH loading control shows two bands of similar intensity, indicating equal protein loading for both the Vector and ZEB1 treated groups. The ZEB1 target shows a significantly stronger band in the ZEB1 treated group compared to the Vector control, demonstrating successful overexpression of ZEB1.

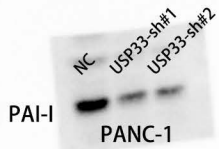
FigS1A



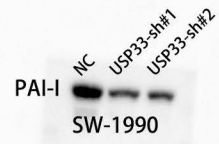
FigS1A



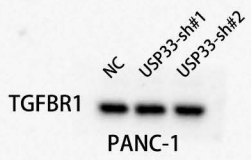
FigS1A



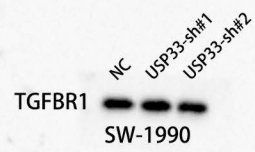
FigS1A



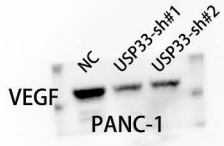
FigS1A



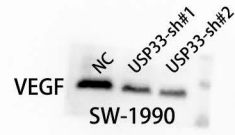
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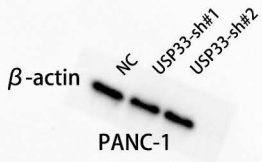
FigS1A



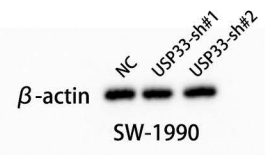
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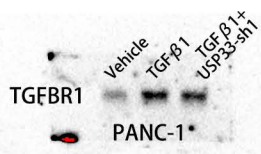
FigS1A



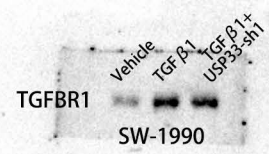
FigS1A



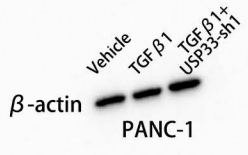
FigS1B



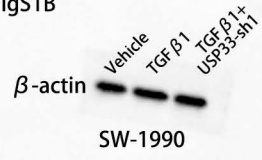
FigS1B



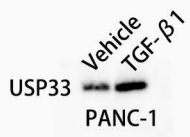
FigS1B



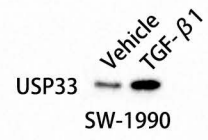
FigS1B



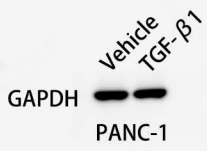
FigS3B



FigS3B



FigS3B



FigS3B

