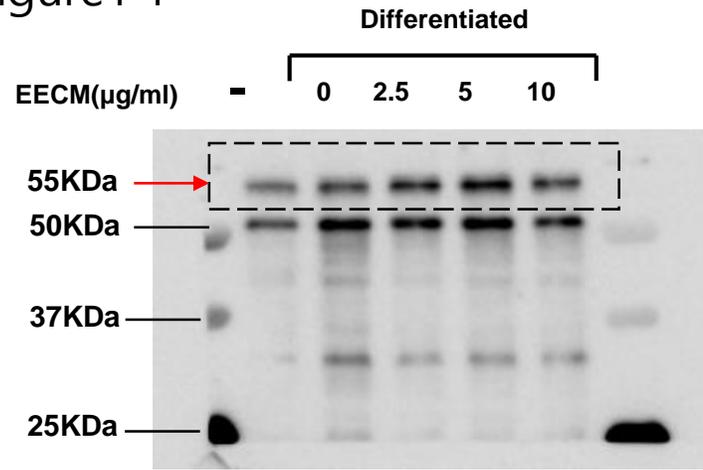
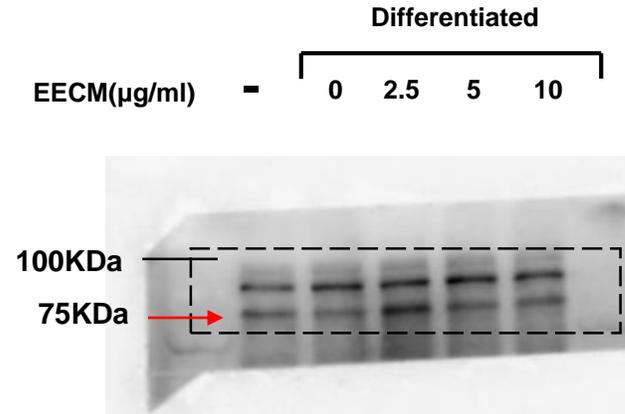


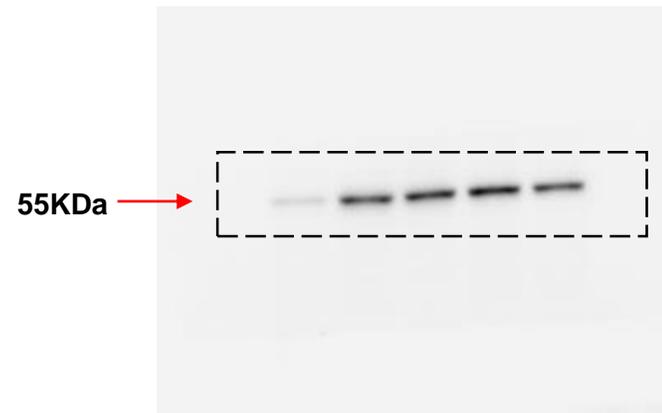
Figure1-F



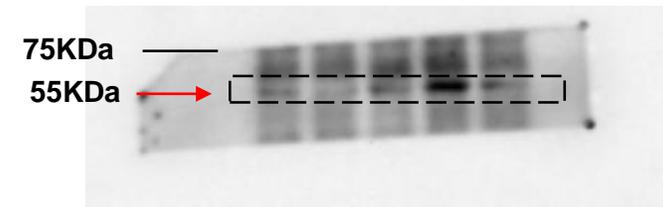
RUNX2



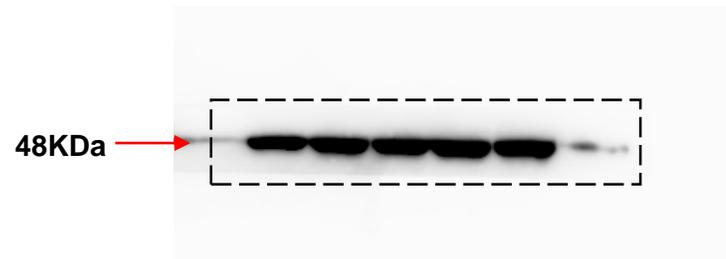
COL1A1



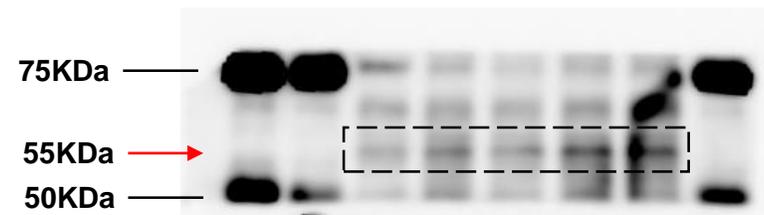
OPG



OSX



β -actin



OPN

Figure3-C

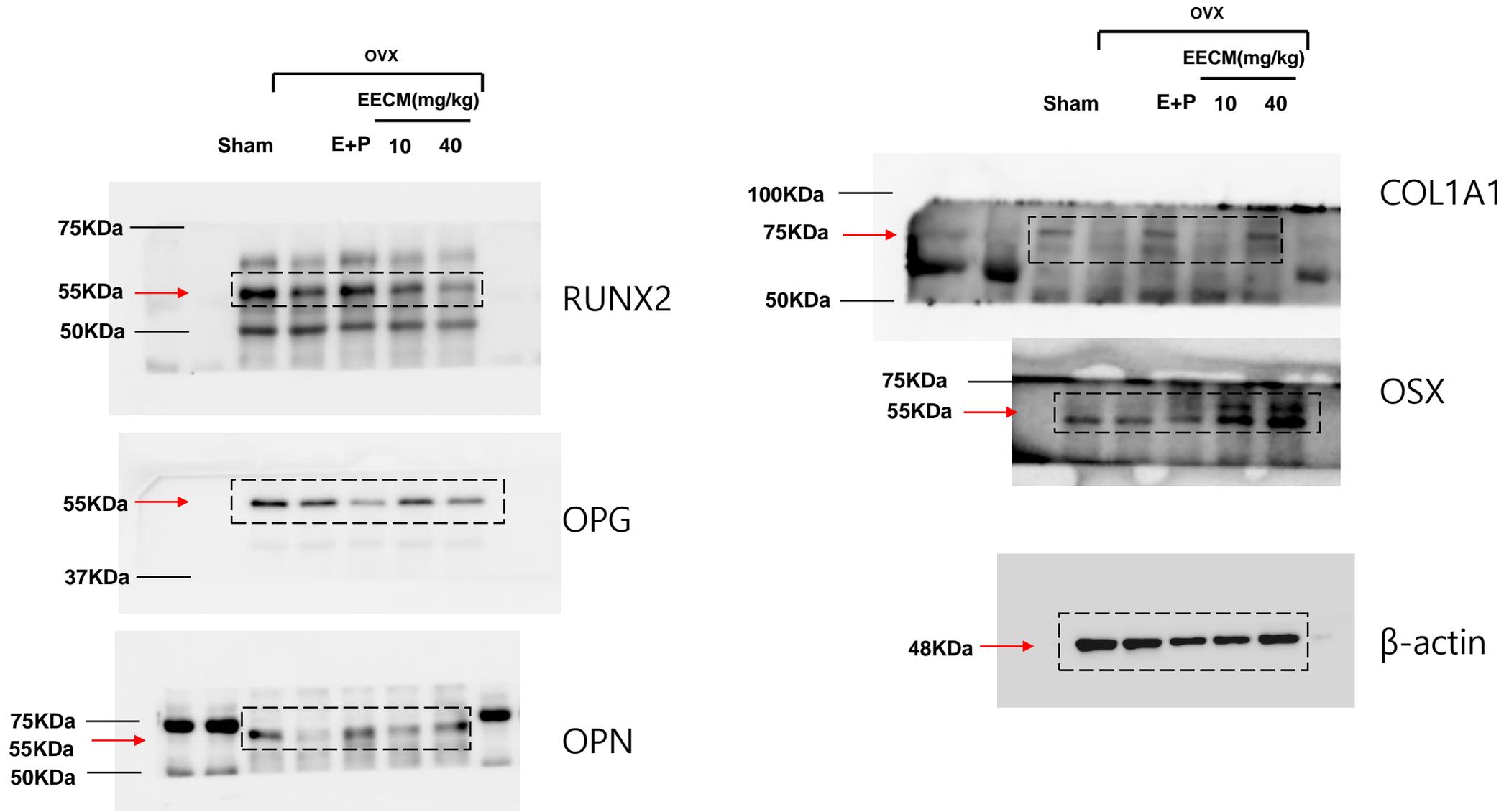


Figure4-D

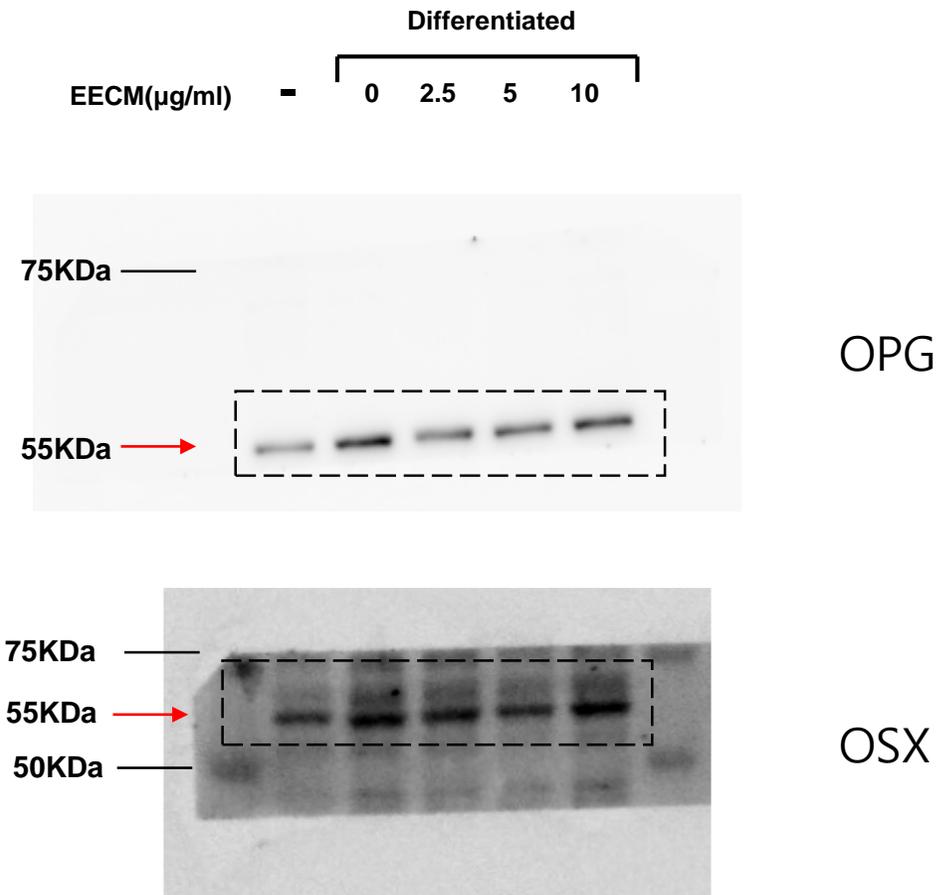
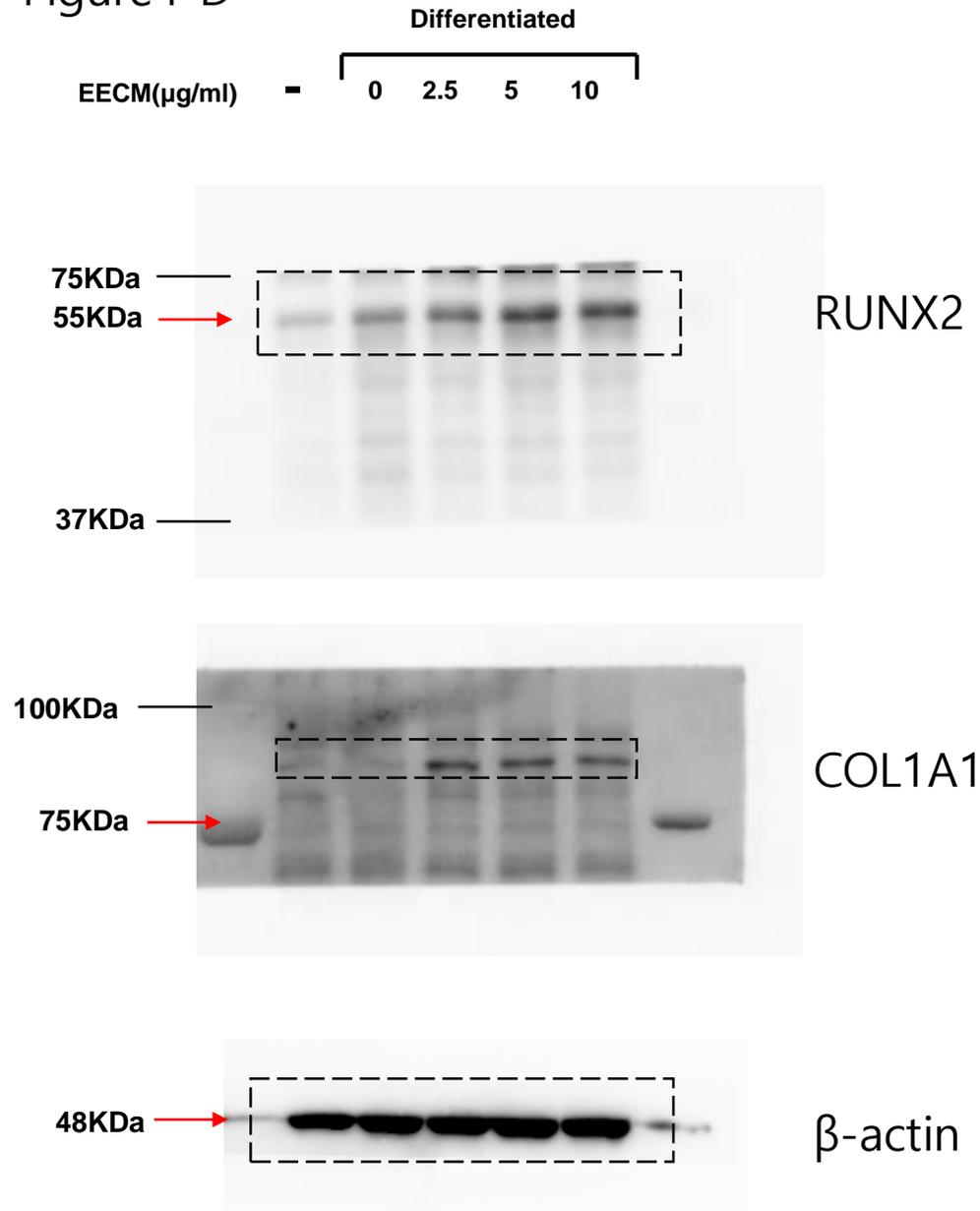
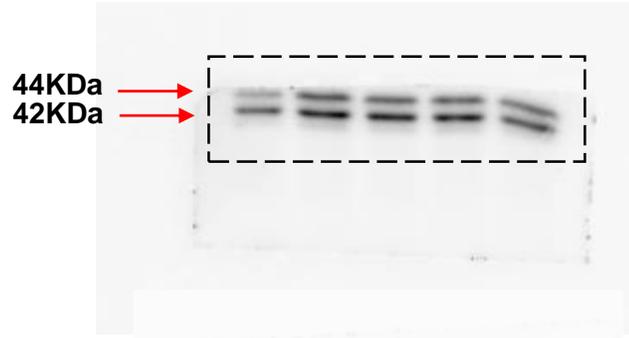
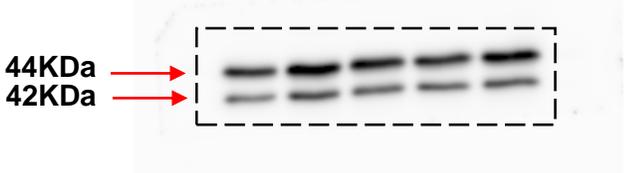


Figure5-A

EECM($\mu\text{g/ml}$) - 0 2.5 5 10
Differentiated



p-ERK



ERK



p-p38

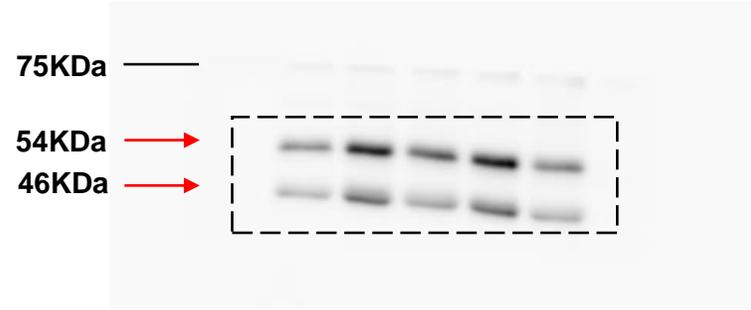


p38

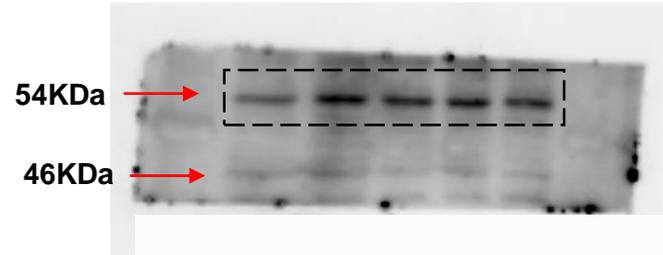


β -actin

EECM($\mu\text{g/ml}$) - 0 2.5 5 10
Differentiated



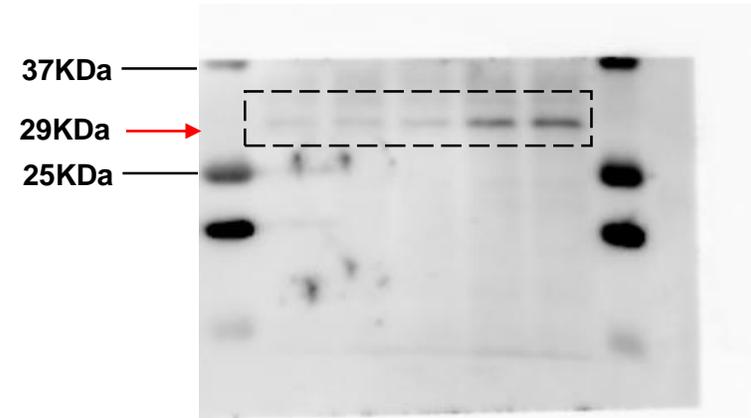
p-JNK



JNK



β -catenin



BMP2/4

Figure5-C

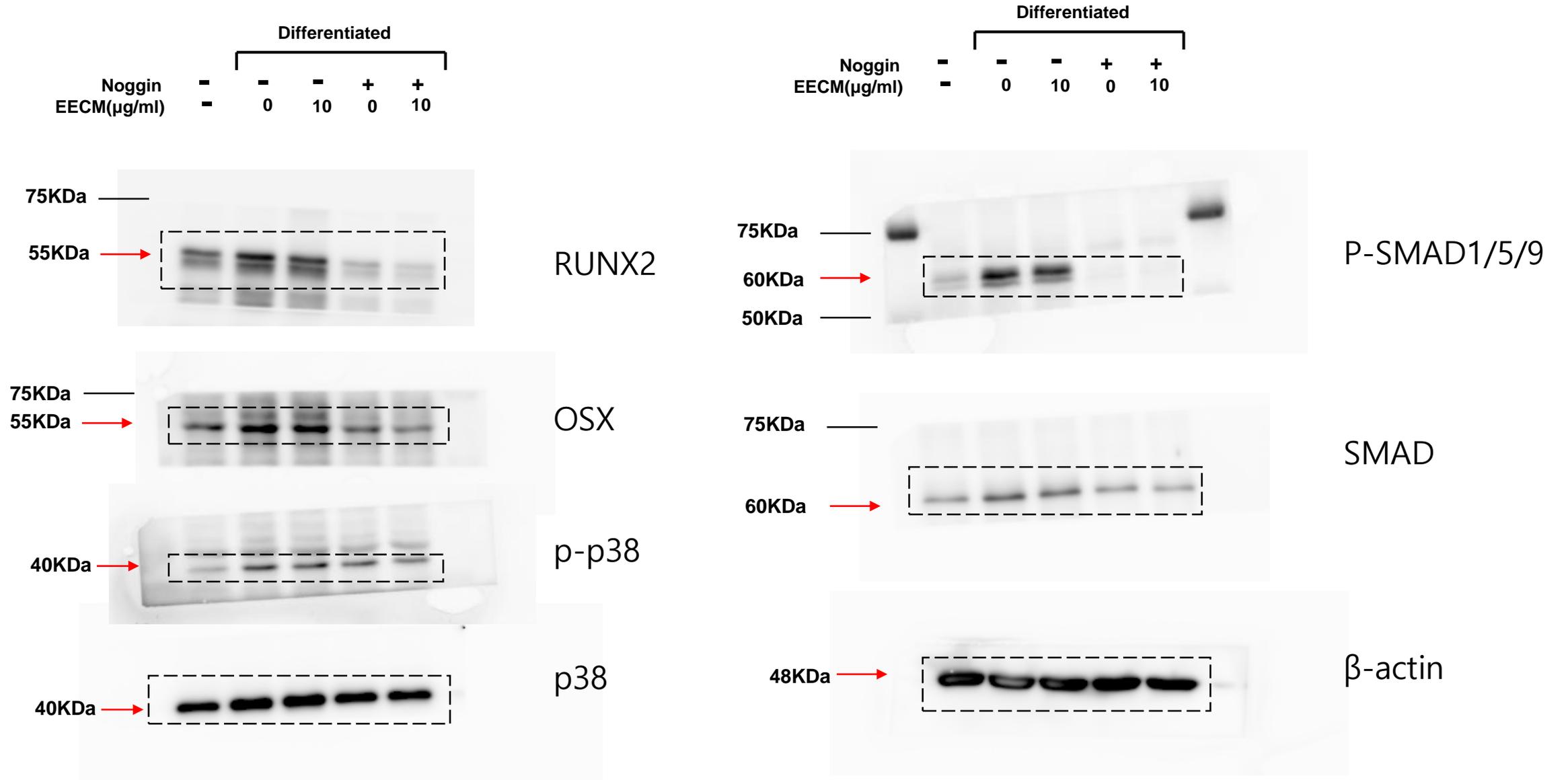
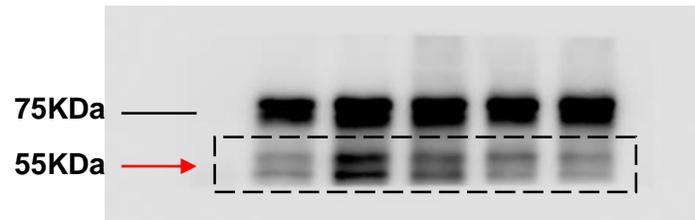


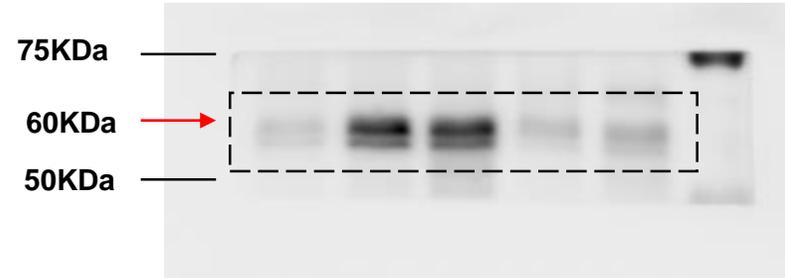
Figure5-F

	Differentiated				
ICI 182,780	-	-	-	+	+
EECM($\mu\text{g/ml}$)	-	0	10	0	10

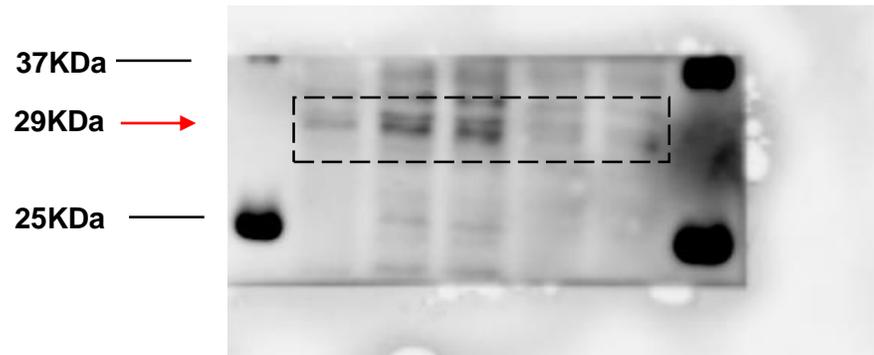


RUNX2

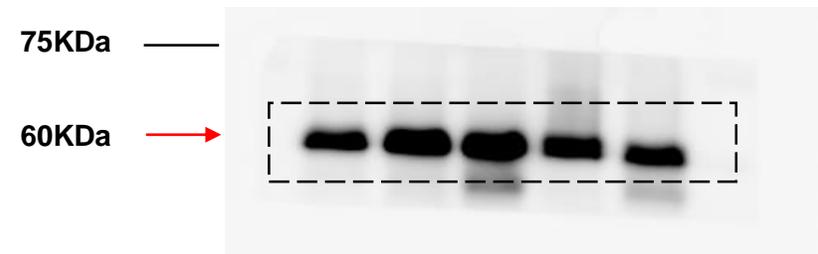
	Differentiated				
ICI 182,780	-	-	-	+	+
EECM($\mu\text{g/ml}$)	-	0	10	0	10



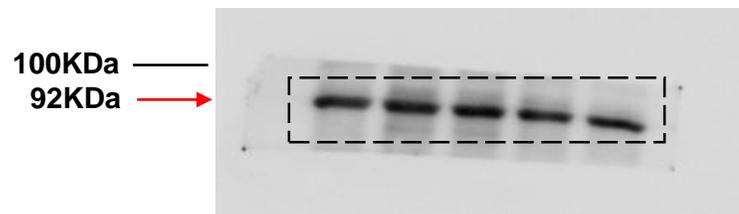
P-SMAD1/5/9



BMP2/4



SMAD



β -actin