CD157 signaling promotes survival of acute myeloid leukemia cells through regulation of Mcl-1

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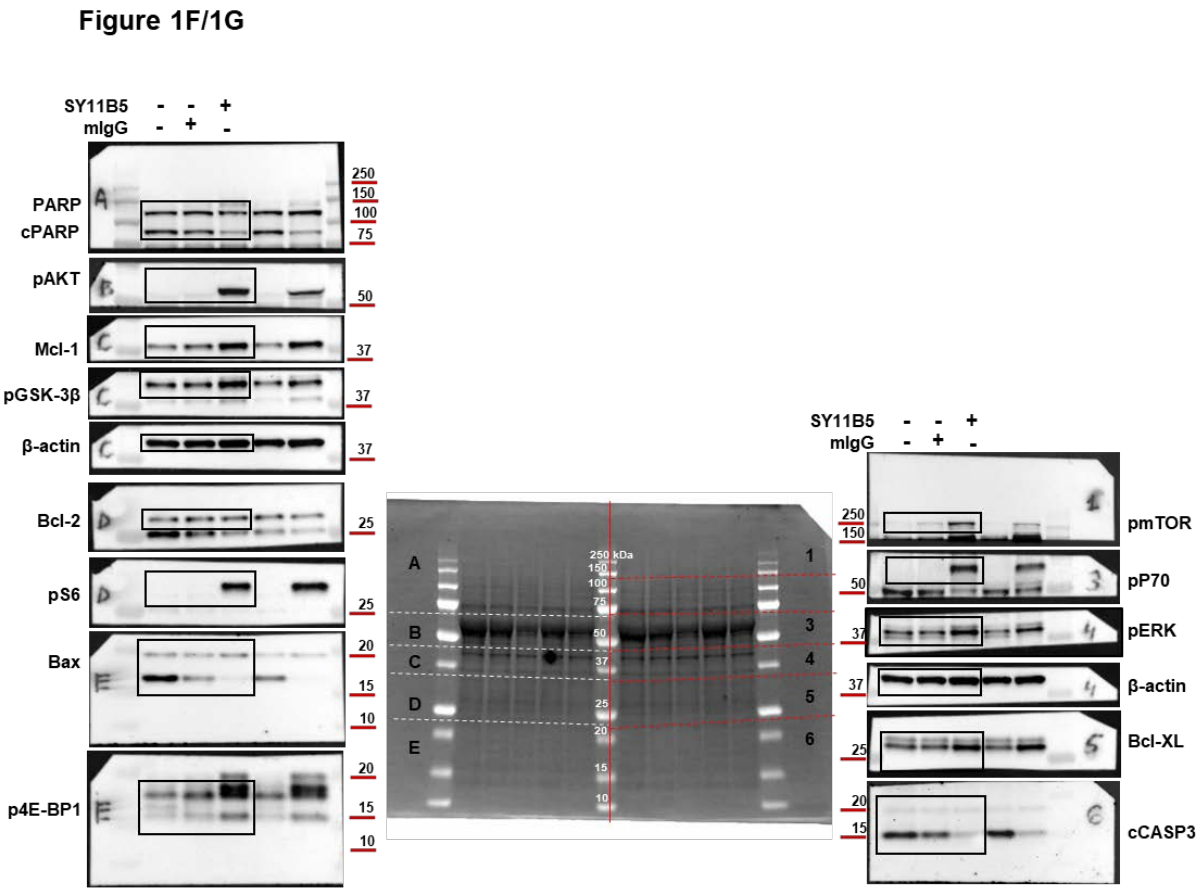
Uncropped blot images

Supplementary Fig. S8



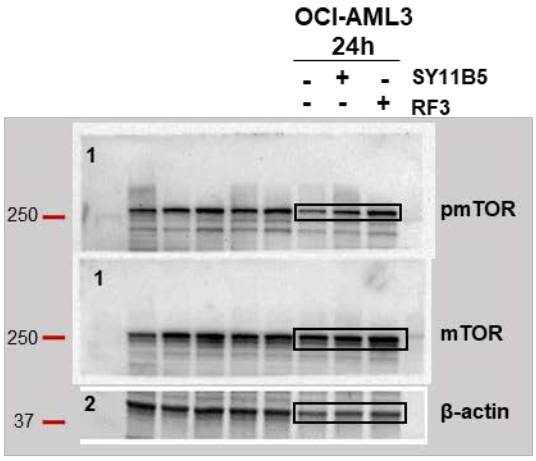
membrane	*1st probe*	*2nd probe*	*3rd probe*
A	PARP		
B	pAKT		
C	Mcl-1	pGSK-3β	β-actin-HRP (Fig. 1F)
D	Bcl-2	pS6	
E	Bax	p4E-BP1	

membrane	*1st probe*	*2nd probe*
1	pmTOR	
3		pP70
4	pERK	β-actin-HRP (Fig. 1G)
5	Bcl-XL	
6	cCASP3	

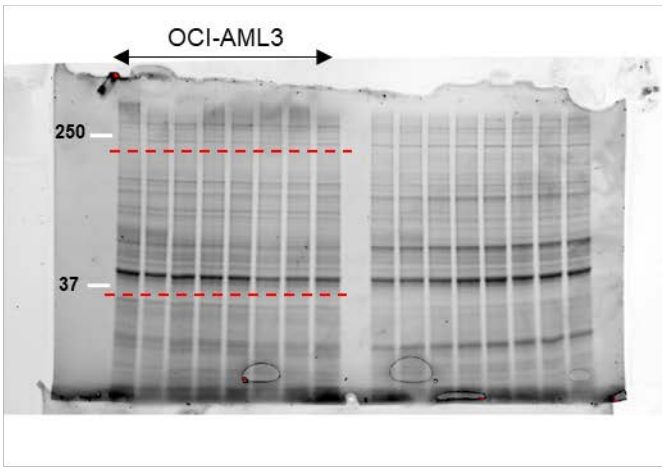
Uncropped blot from western blot analysis presented in Figure 1F-G. Panel F and G were generated from the same blot using the same samples. Dotted lines in full-length blot indicate the excision lines. Each strip was separately probed with the indicated antibodies. After hybridization with the first probe, the membrane was stripped and re-hybridized with the second probe according to the table under each blot. The rectangles show the cropped region of the blots included in Fig. 1F-G.

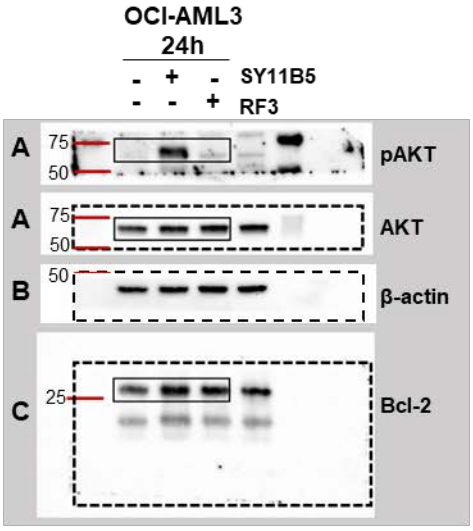
Supplementary Fig. S9

Figure 2B

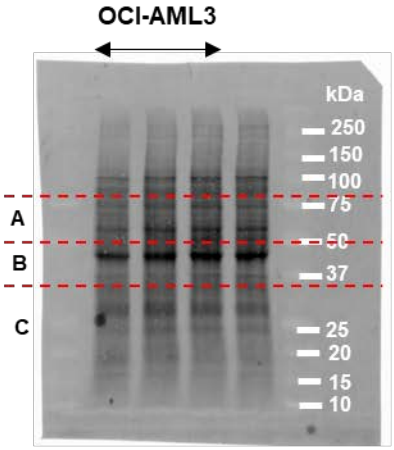


membrane	1st probe	2nd probe
1	pmTOR	mTOR
2		β-actin-HRP



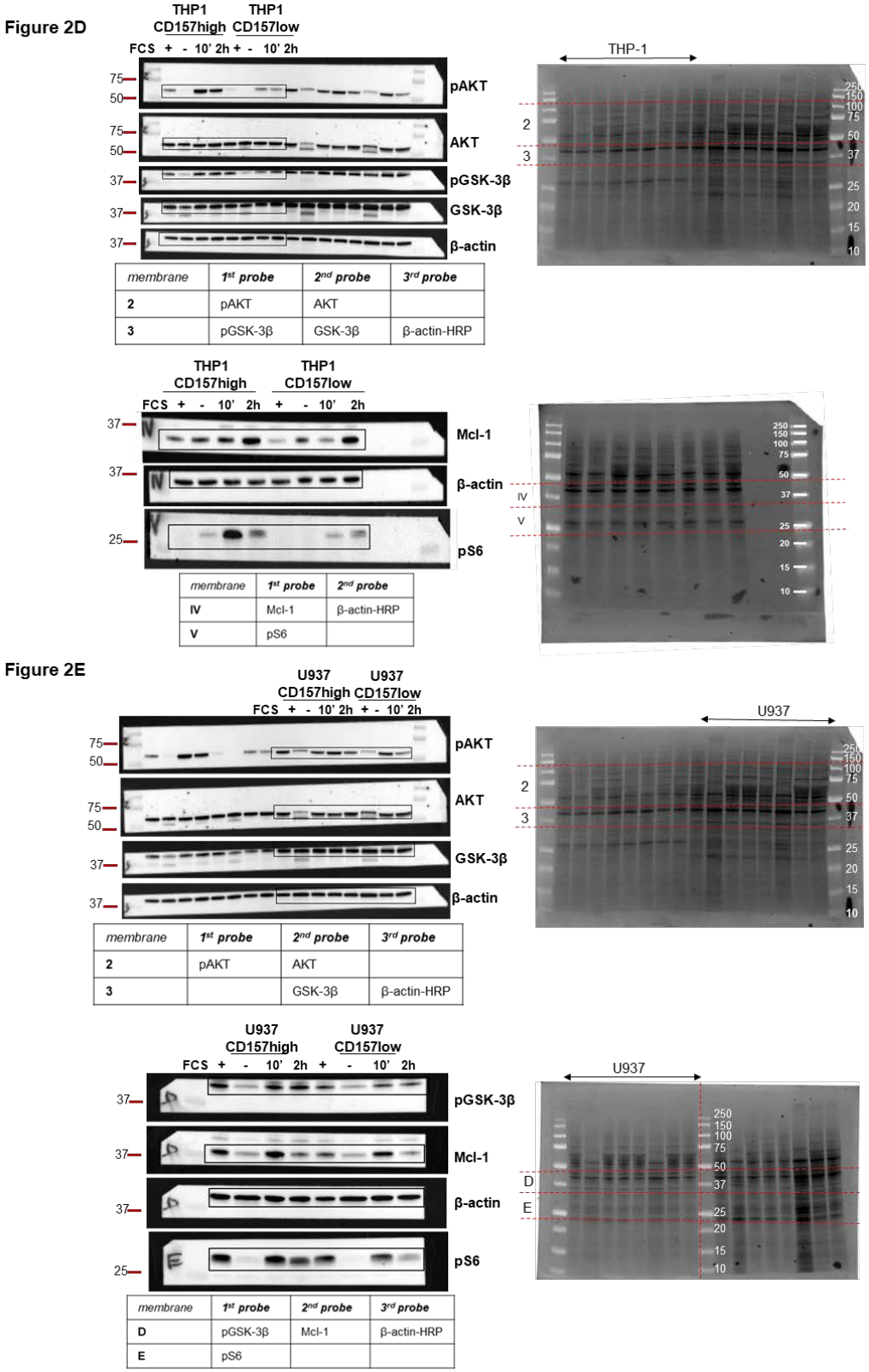


membrane	1st probe	2nd probe
A	pAKT	AKT
B	β-actin-HRP	
C	Bcl-2	



Uncropped gel (top) and blot (bottom) from western blot analysis presented in Figure 2B. Two separate blots were generated using the same samples. Dotted lines in uncropped images indicate the excision lines. Each strip was separately probed with the indicated antibodies. After hybridization with first probe, the membrane was stripped and re-hybridized with the second probe according to the table under each blot. The rectangles show the cropped region of the blots included in the figure. Black dotted lines indicate membrane periphery.

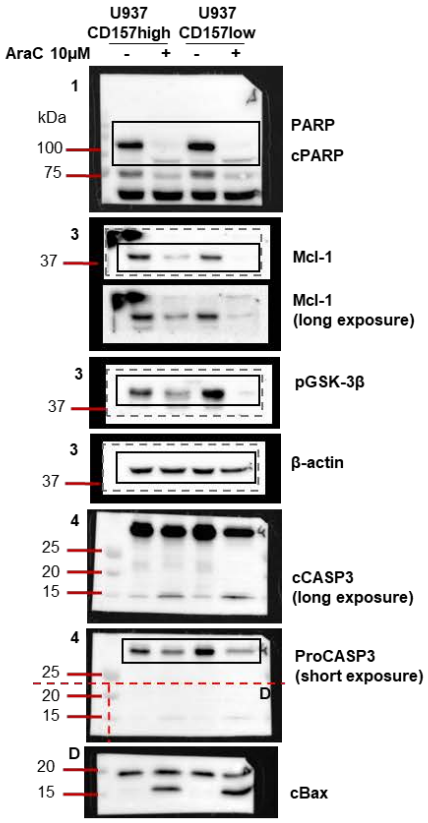
Supplementary Fig. S9 (continued)



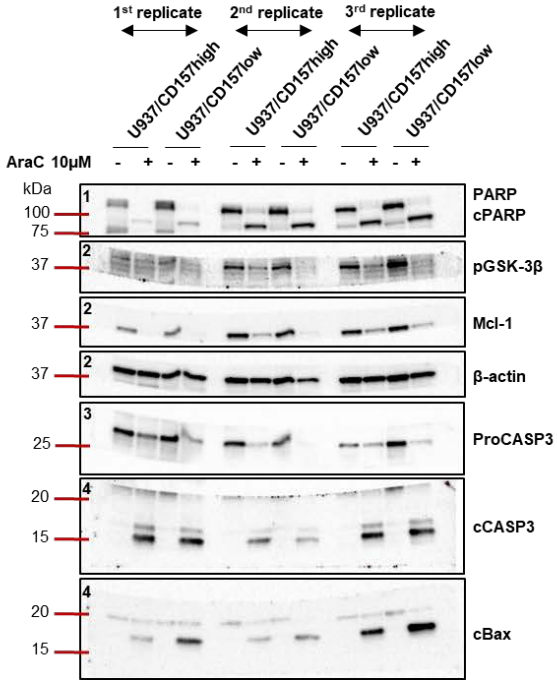
Uncropped blots from western blot analysis presented in Figure 2D-E. For each cell line two separate blots were generated using the same samples. Dotted red lines in full-length blot indicate the excision lines. Each strip was separately probed with the indicated antibodies. After hybridization with first probe, the membrane was stripped and re-hybridized with the second probe according to the table under each blot. The rectangles show the cropped region of the blots included in the figure.

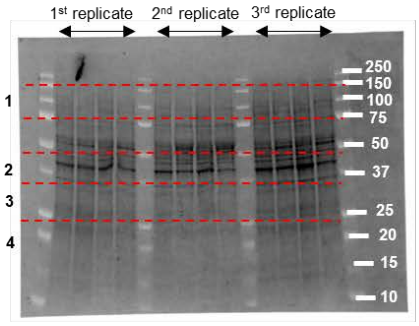
Supplementary Fig. S10

Figure 3D



membrane	*1st probe*	*2nd probe*	*3rd probe*
1	PARP		
3	Mcl-1	pGSK-3β	β-actin-HRP
4	CASP3		
D		Bax	



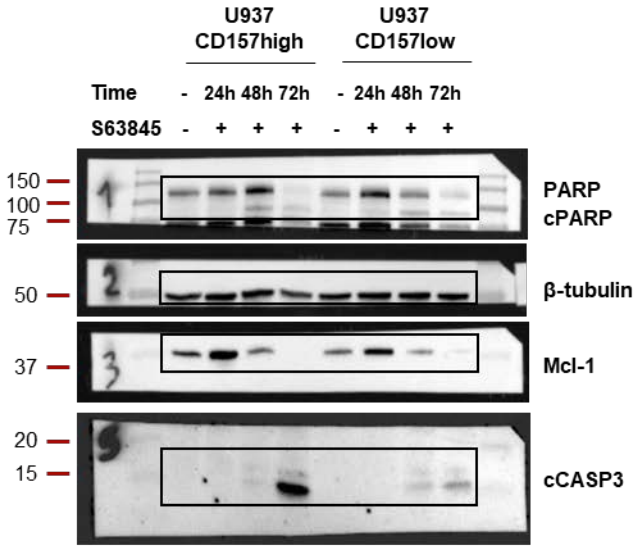


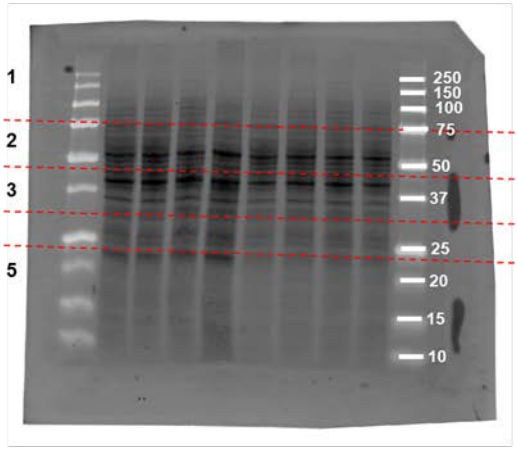
membrane	*1st probe*	*2nd probe*	*3rd probe*
1	PARP		
2	Mcl-1	pGSK-3β	β-actin-HRP
3	CASP3		
4	CASP3	Bax	

Uncropped blot presented in Figure 3D. Upper blot was cut prior to hybridization and each strip was separately probed with the indicated antibodies. After hybridization with first probe, the membrane was stripped and re-hybridized with the second probe according to each table. The rectangles show the cropped region of the blots included in Fig. 3D. Multiple exposures are shown for blots that were taken with a higher contrast or do not have background sufficiently dark to show the membrane periphery. Grey dotted lines indicate membrane periphery. Bottom blot show three independent experiments run in parallel and used for quantification of protein levels by densitometry analysis reported in Fig. 3D (left panel).

Supplementary Fig. S11

Figure 4B



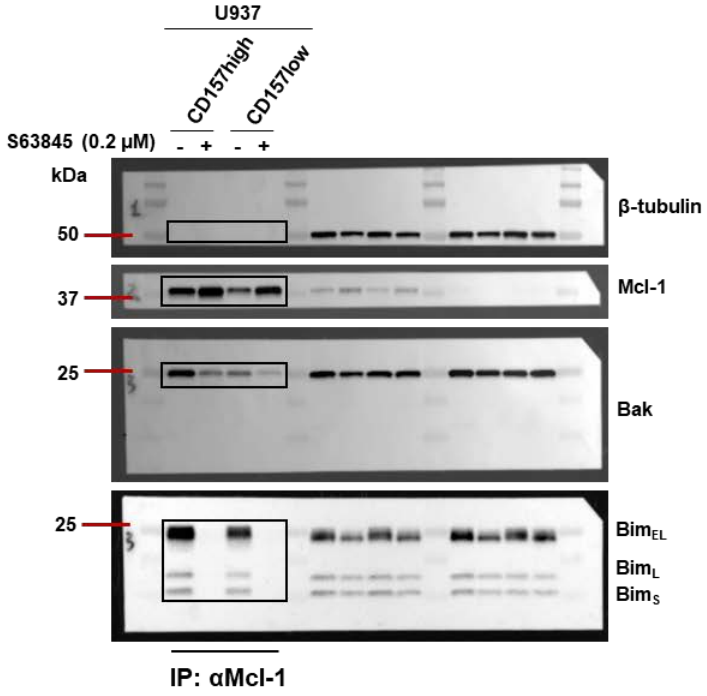


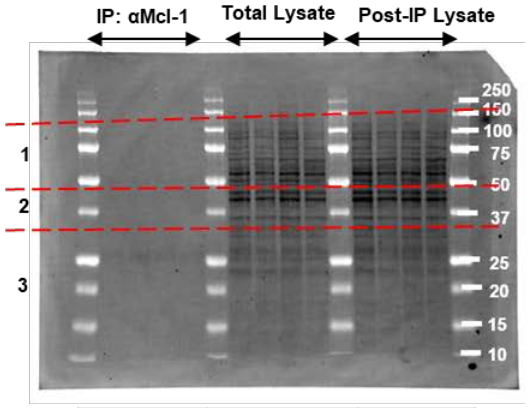
membrane	***probe***
1	PARP-1
2	β-tubulin-HRP
3	Mcl-1
5	cCASP3

Uncropped version of blot presented in Figure 4B. The rectangles show the cropped region of the blots included in the figure. Dotted red lines in full-length blot indicate the excision lines. Each strip was separately probed with the indicated antibody.

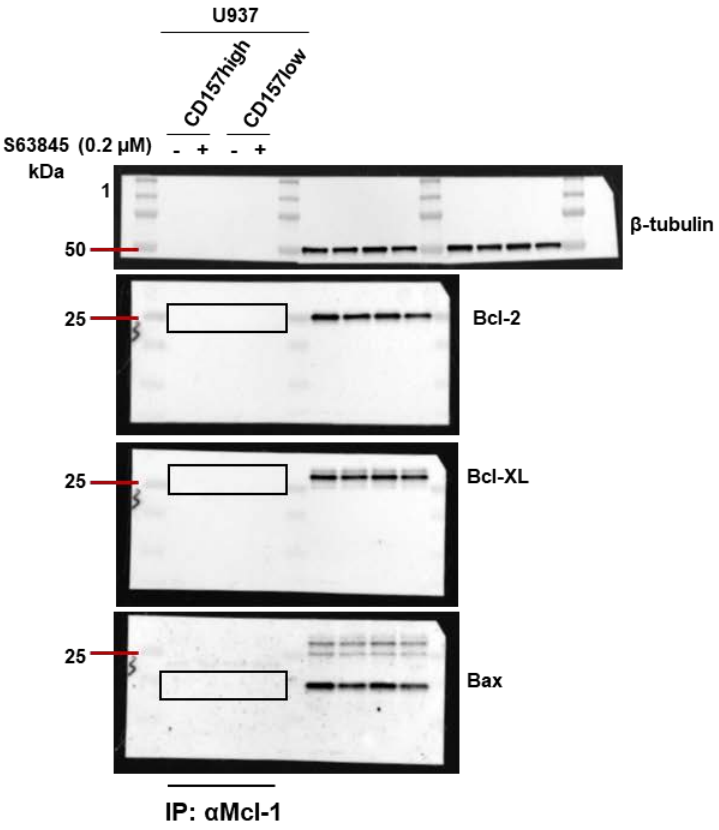
Supplementary Fig. S11 (continued)

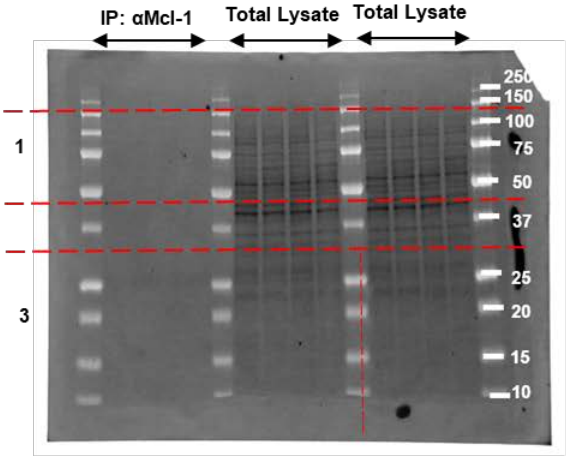
Figure 4D





membrane	*1st probe*	*2nd probe*
1	β-tubulin-HRP	
2	Mcl-1	
3	Bak	Bim

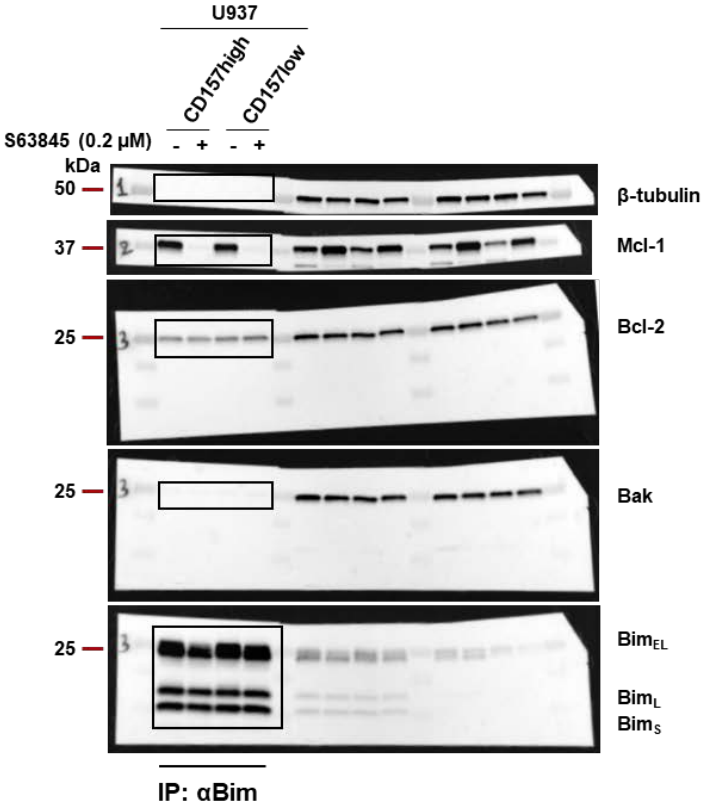


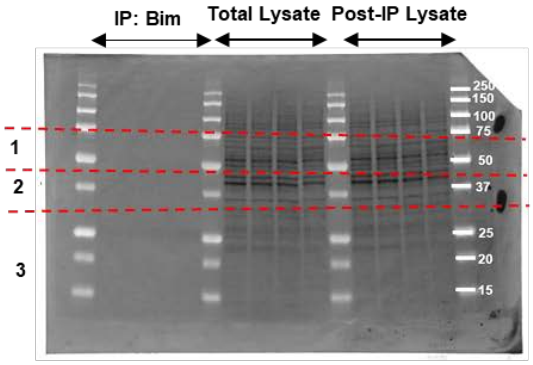


membrane	*1st probe*	*2nd probe*	*3rd probe*
1	β-tubulin-HRP		
3	Bcl-2	Bcl-XL	Bax

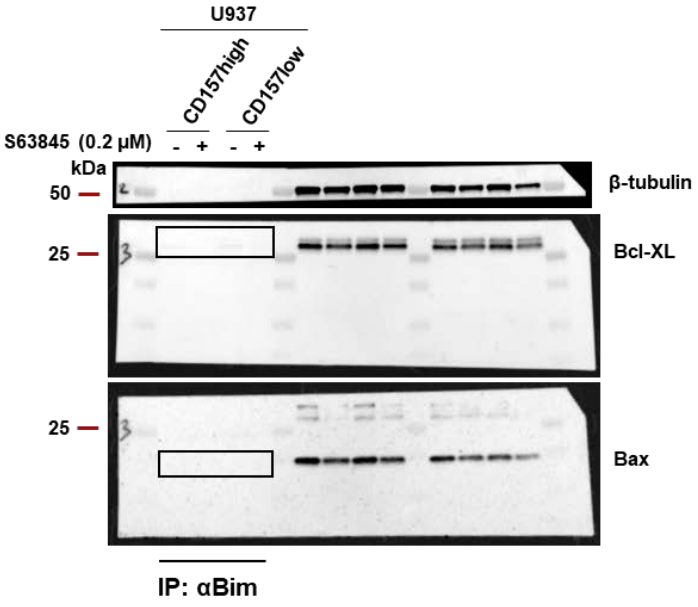
Supplementary Fig. S11 (continued)

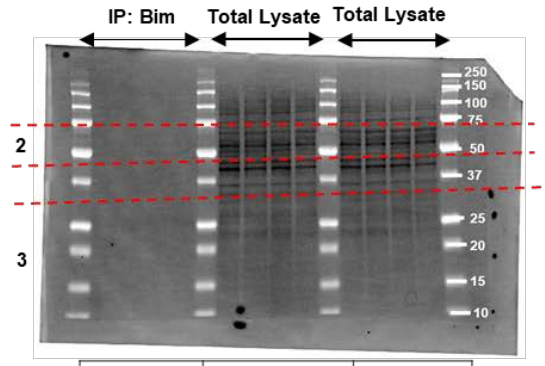
Figure 4D





membrane	***1st probe***	***2nd probe***	***3rd probe***
1	β-tubulin-HRP		
2	Mcl-1		
3	Bcl-2	Bak	Bim

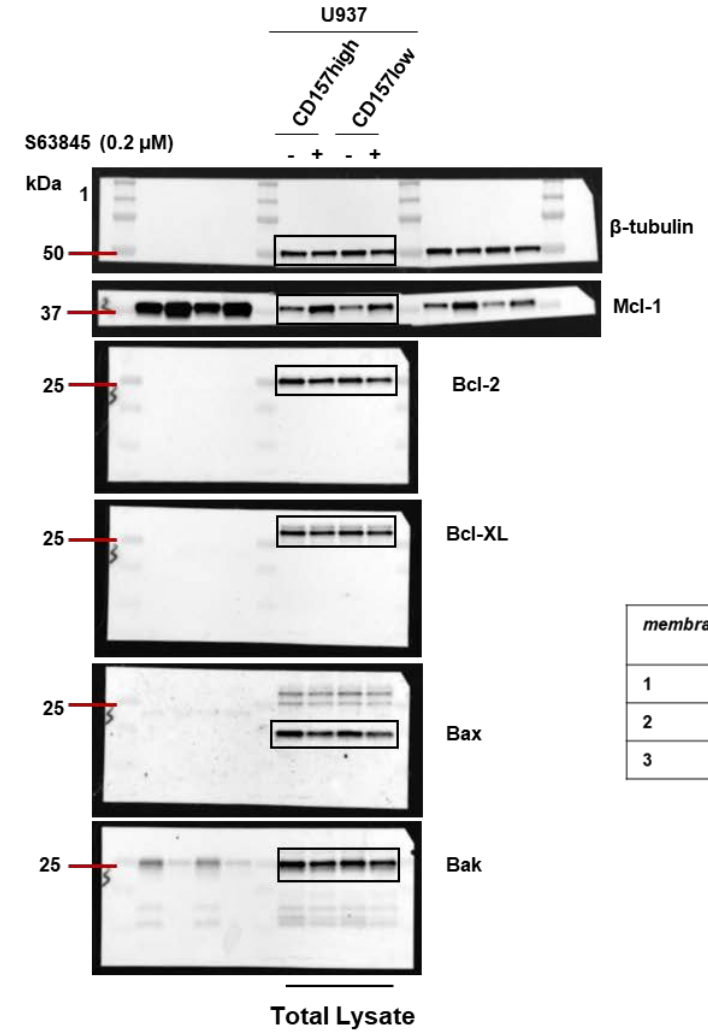


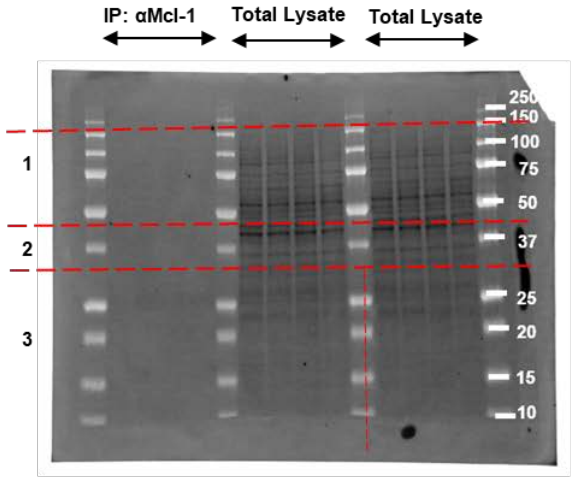


membrane	***1st probe***	***2nd probe***
2	β-tubulin-HRP	
3	Bcl-XL	Bax

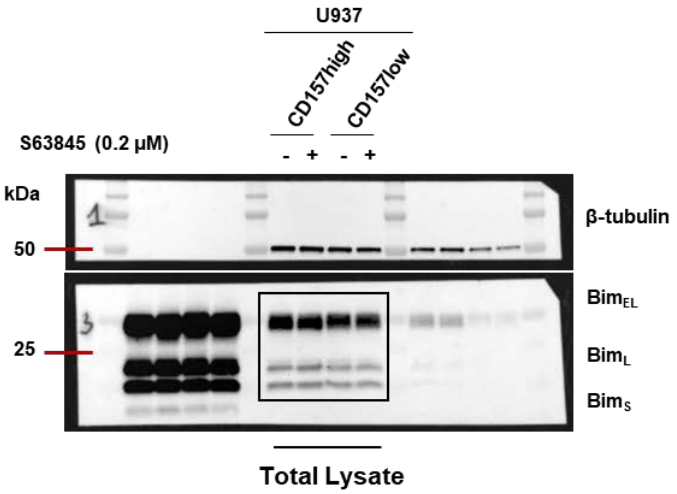
Supplementary Fig. S11 (continued)

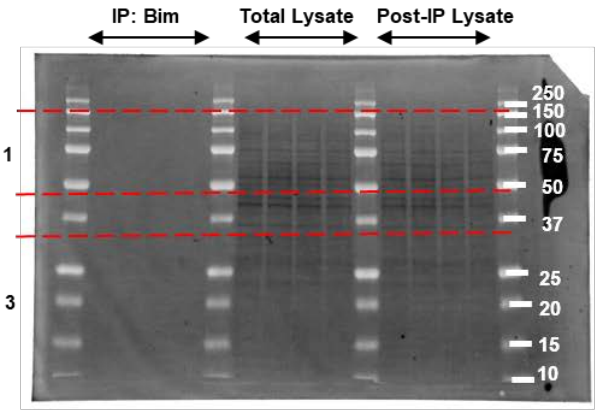
Figure 4D





membrane	1st probe	2nd probe	3rd probe	4th probe
1	β-tubulin-HRP			
2	Mcl-1			
3	Bcl-2	Bcl-XL	Bax	Bak



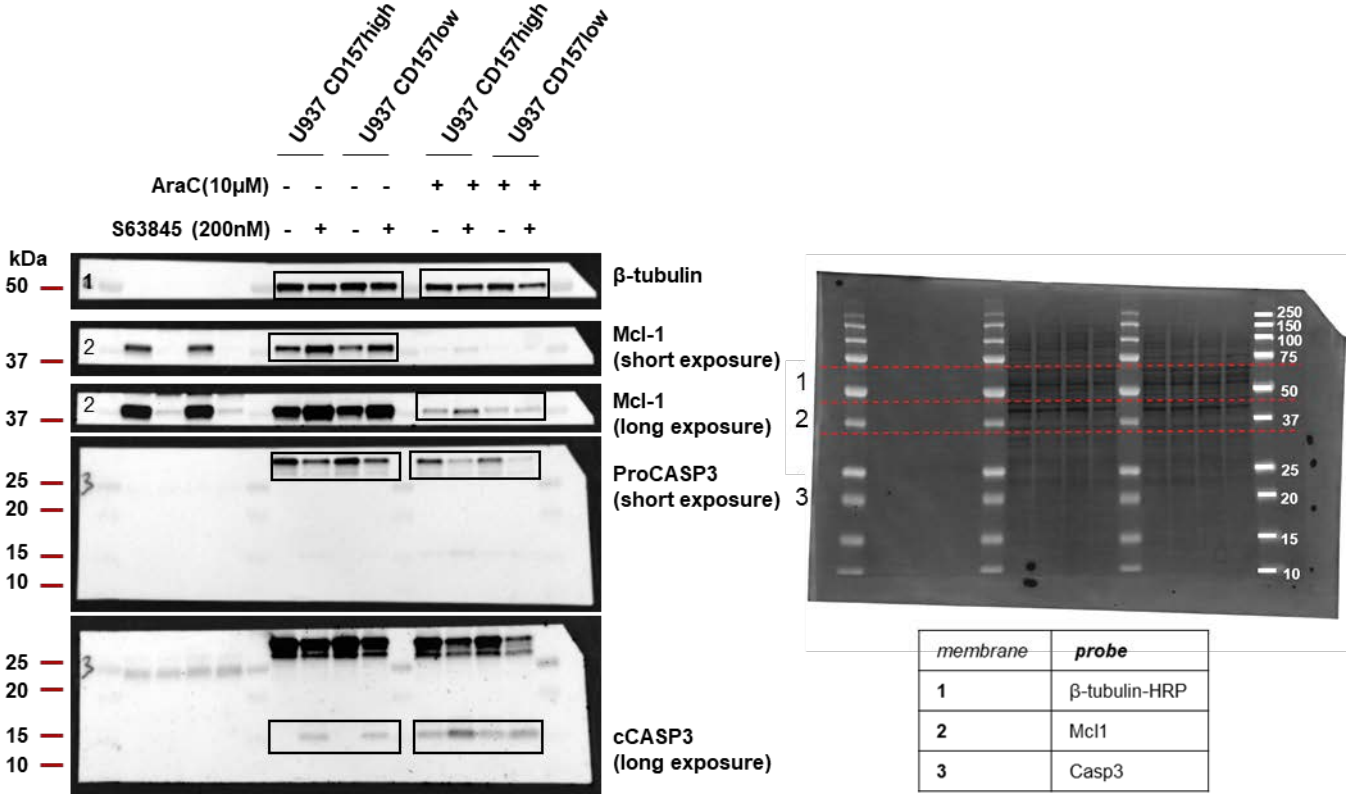


membrane	1st probe
1	β-tubulin-HRP
3	Bim

Uncropped blot from the western blot analysis presented in Figure 4D. All blots were generated using the same samples. Dotted red lines in uncropped images indicate the excision lines. Each strip was separately probed with the indicated antibodies. After hybridization with first probe, the membrane was stripped and re-hybridized with the second probe according to the table under each blot. The rectangles show the cropped region of the blots included in Fig. 4D.

Supplementary Fig. S12

Figure 5C

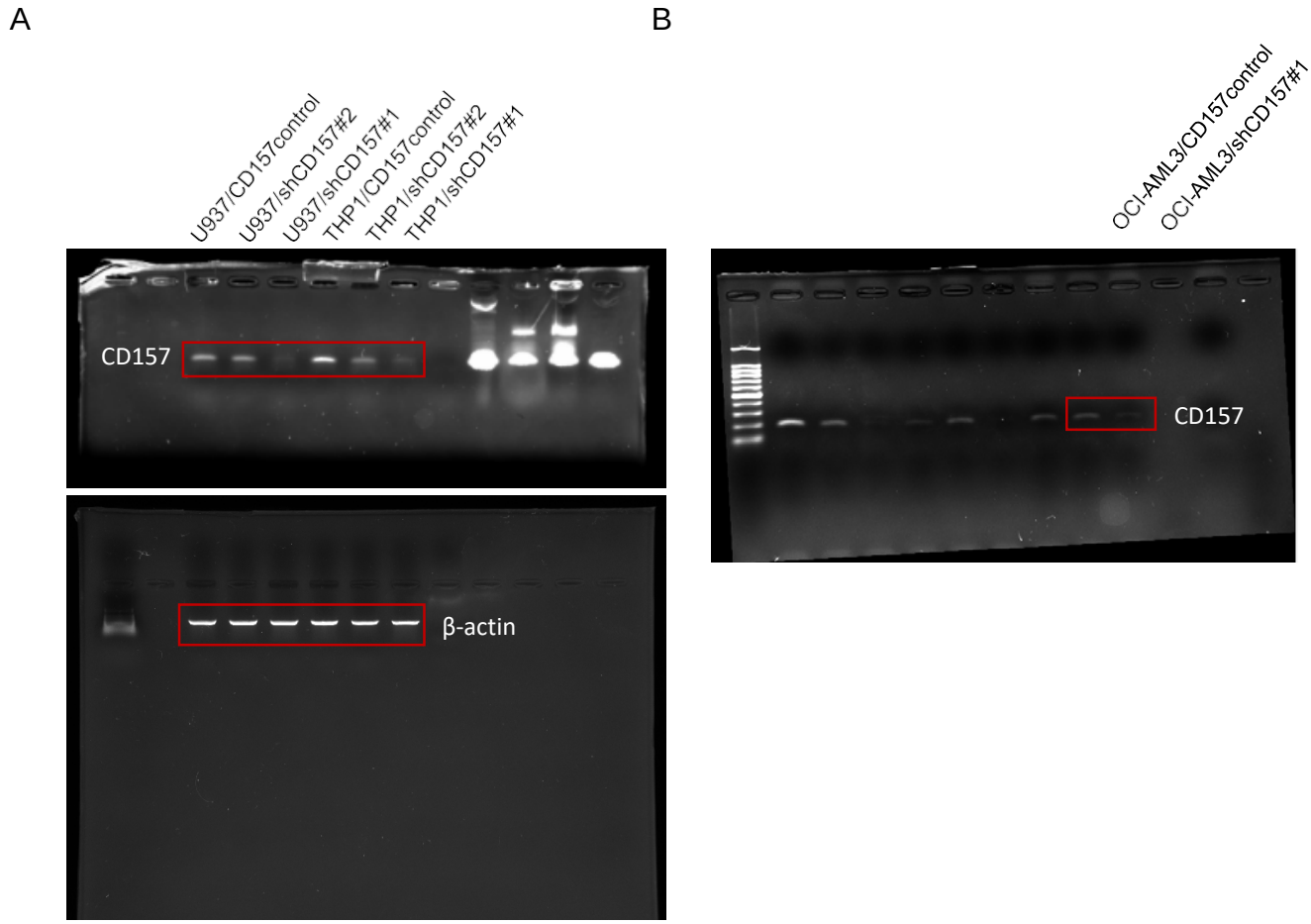


membrane	***probe***
1	β-tubulin-HRP
2	Mcl1
3	Casp3

Uncropped blot from the western blot analysis presented in Figure 5C. Dotted lines in uncropped images indicate the excision lines. Each strip was separately probed with the indicated antibody. Multiple exposures are shown for blots that were taken with a higher contrast The rectangles show the cropped region of the blots included in Fig. 5C.

Supplementary Fig. S13

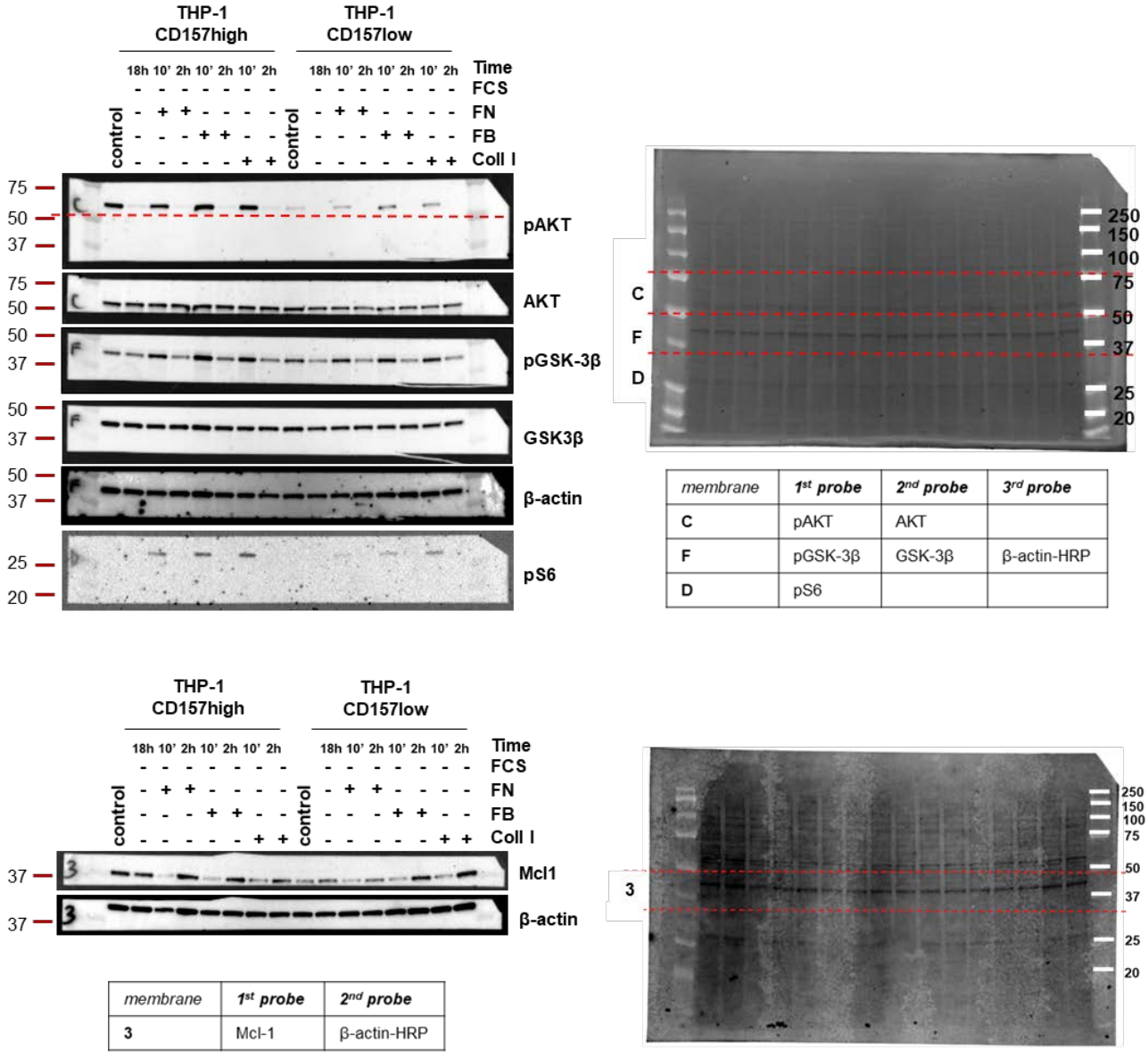
Figure S3



Uncropped gels from PCR analysis performed in Figure S3. The rectangles show the cropped region of the gels included in Fig. S3.

Supplementary Fig. S14

Figure S5



membrane	1st probe	2nd probe	3rd probe
C	pAKT	AKT	
F	pGSK-3β	GSK-3β	β-actin-HRP
D	pS6		

membrane	1st probe	2nd probe
3	Mcl-1	β-actin-HRP

Uncropped blots from western blot analysis presented in Figure S5. Two separate blots were generated using the same samples. Dotted red lines in full-length blots indicate the excision lines. Each strip was separately probed with the indicated antibodies. After hybridization with first probe, the membrane was stripped and re-hybridized with the second probe according to the table under each blot.