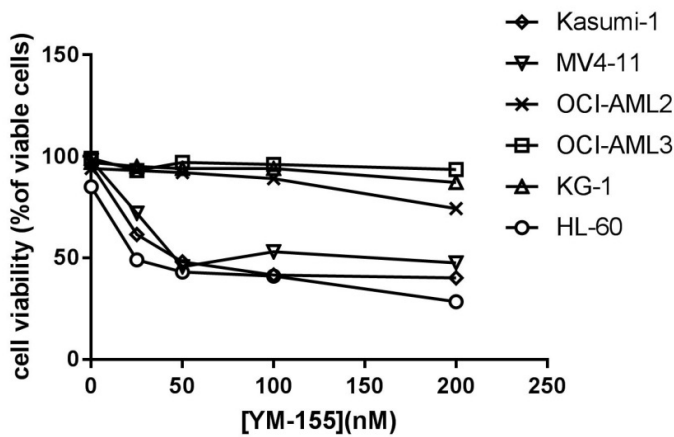
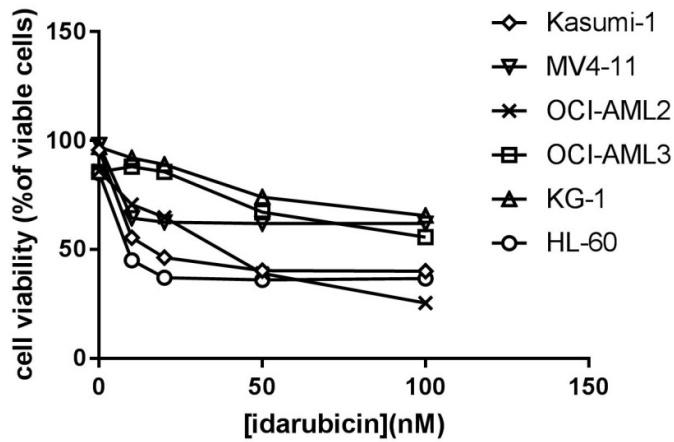


# Chemotherapy-induced survivin regulation in acute myeloid leukemia cells

Petra Otevřelová<sup>1</sup> and Barbora Brodská<sup>1,\*</sup>

## Supplementary Material

**Fig. S1: dose-response graphs**

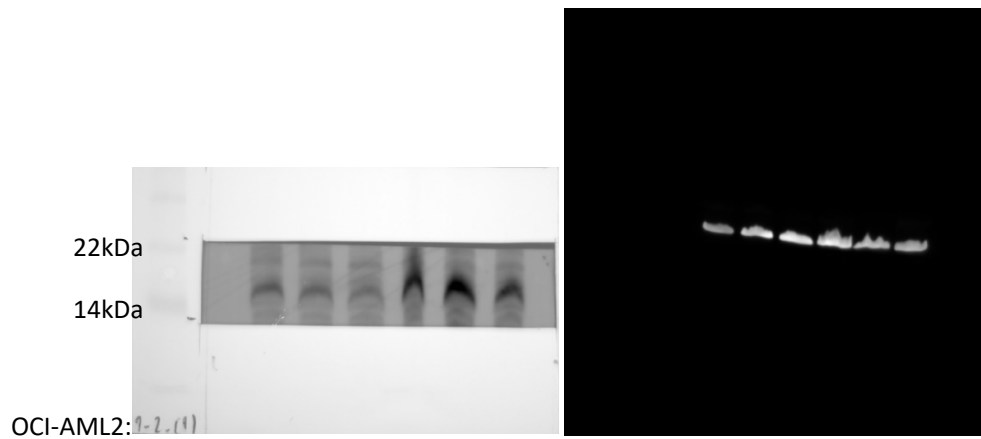
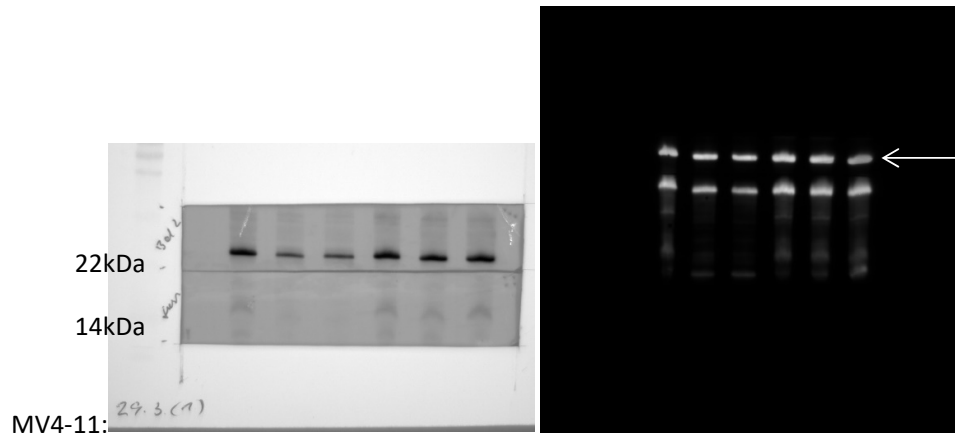
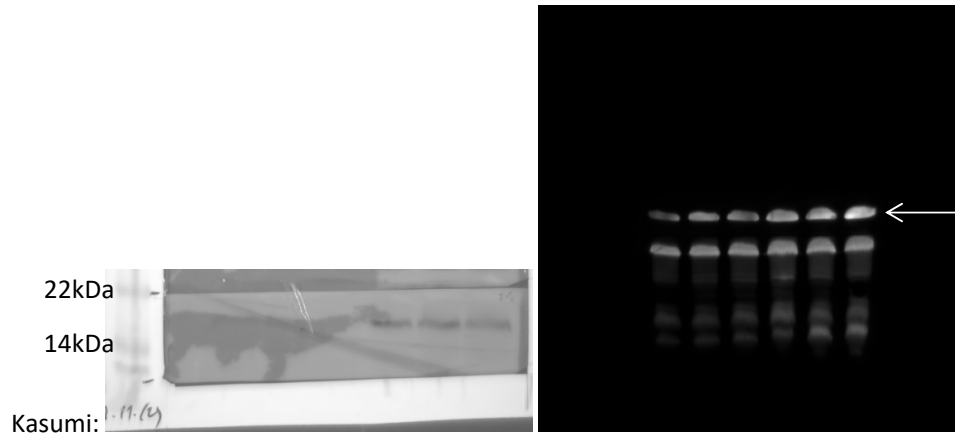


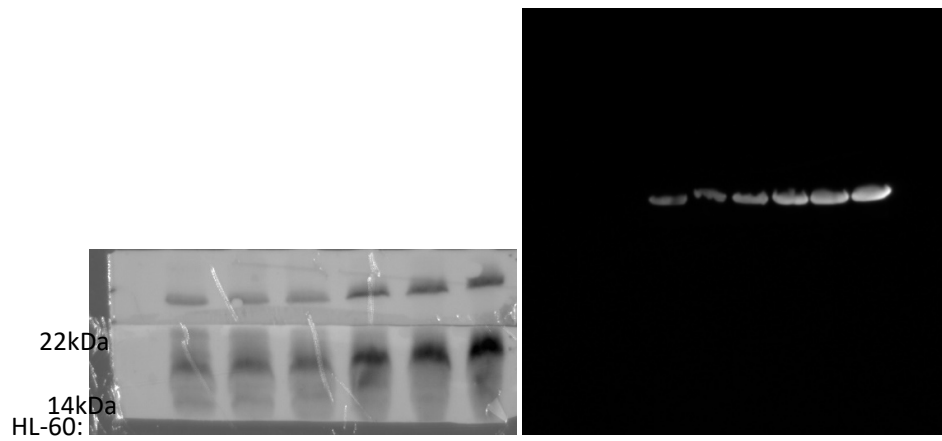
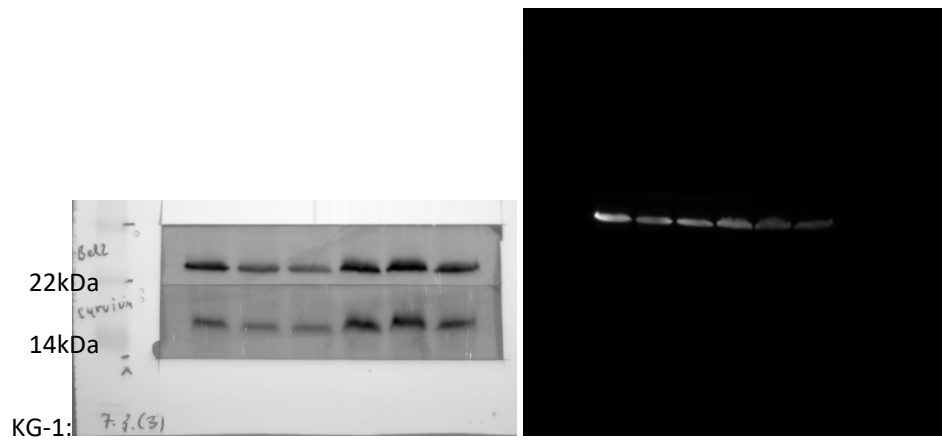
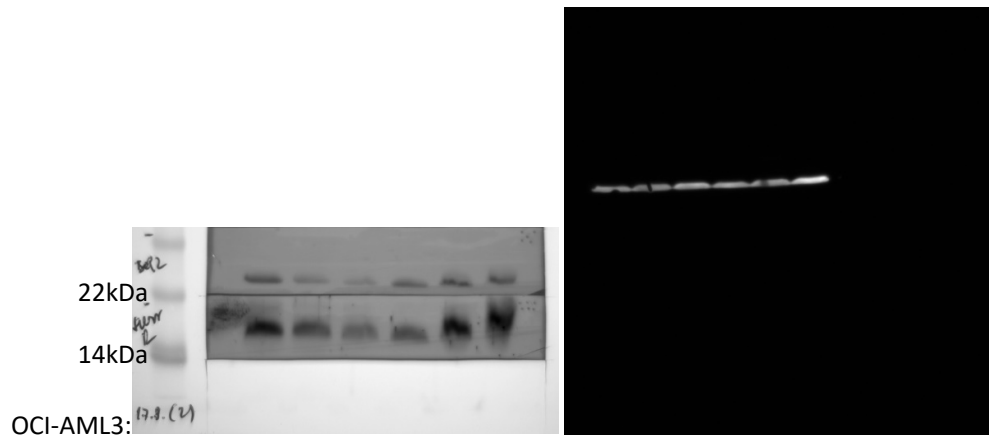
**Fig. S2: original images for figures containing western blots**

**Fig. 1**

survivin (17 kDa)

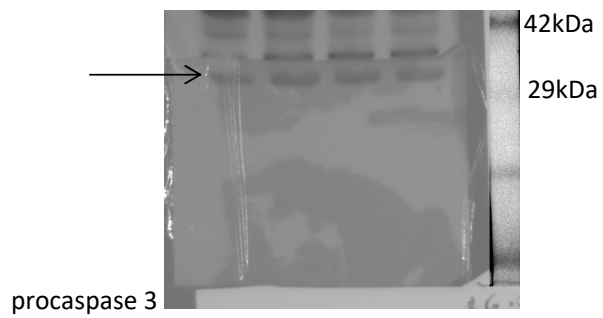
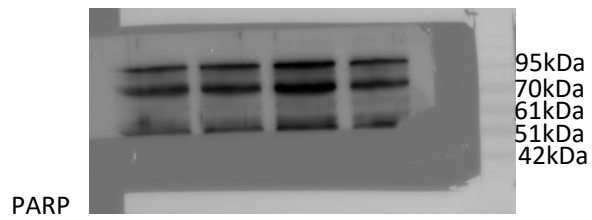
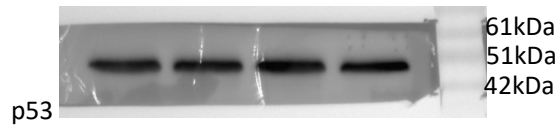
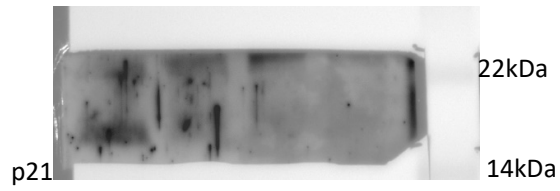
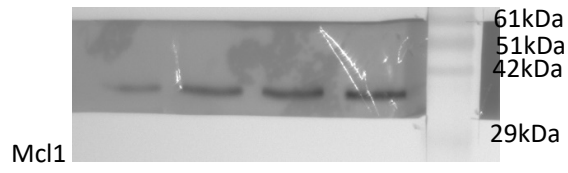
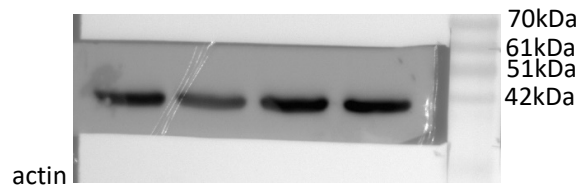
$\beta$ -Actin (42 kDa)

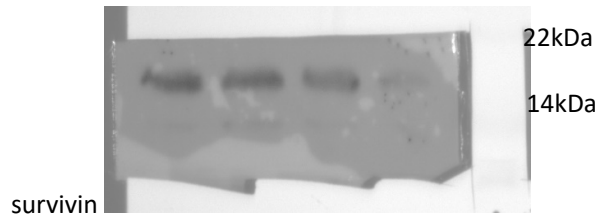
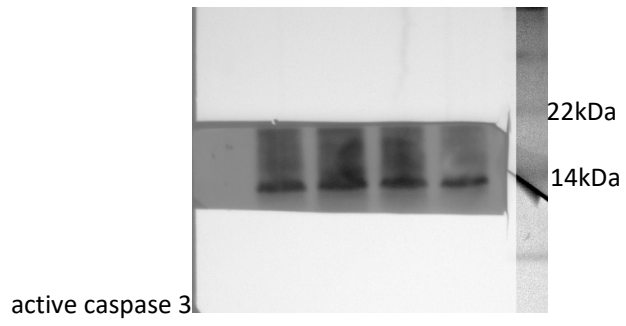




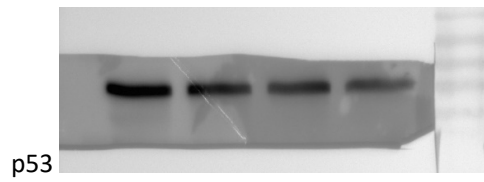
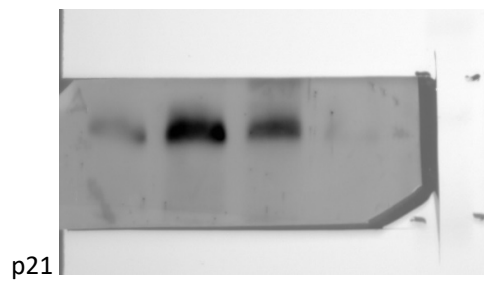
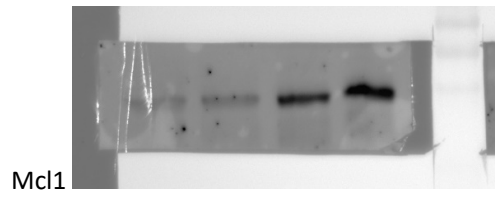
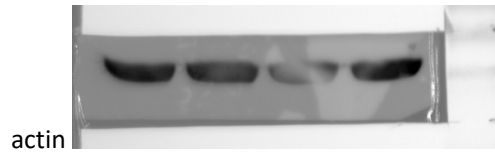
**Fig.3**

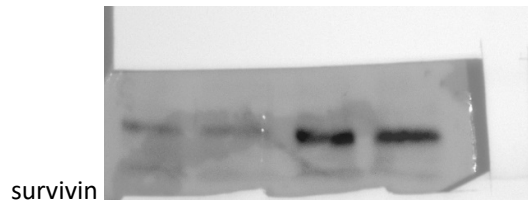
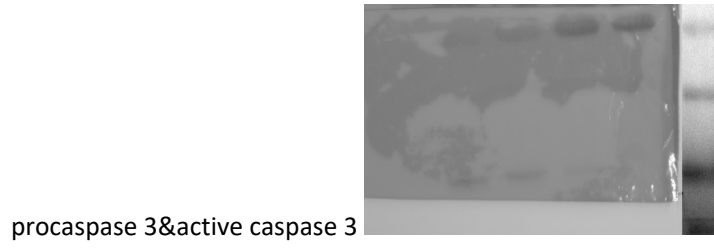
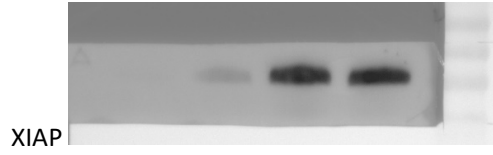
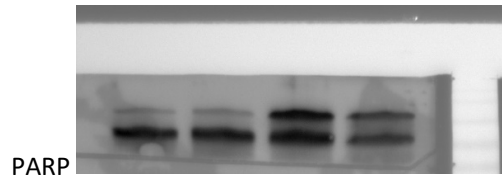
Kasumi:



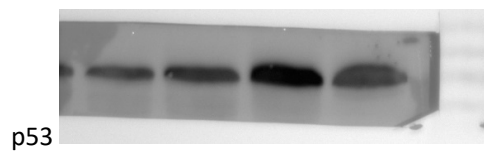
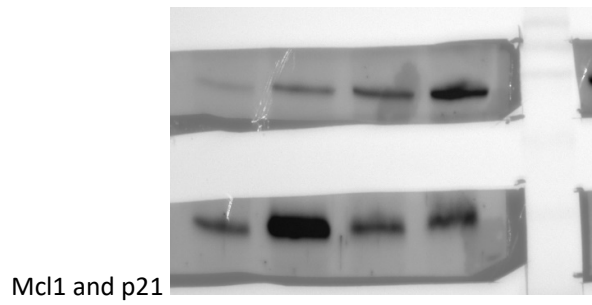
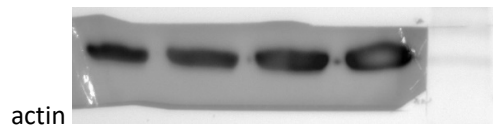


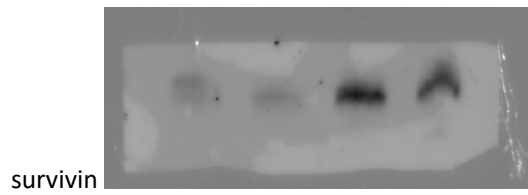
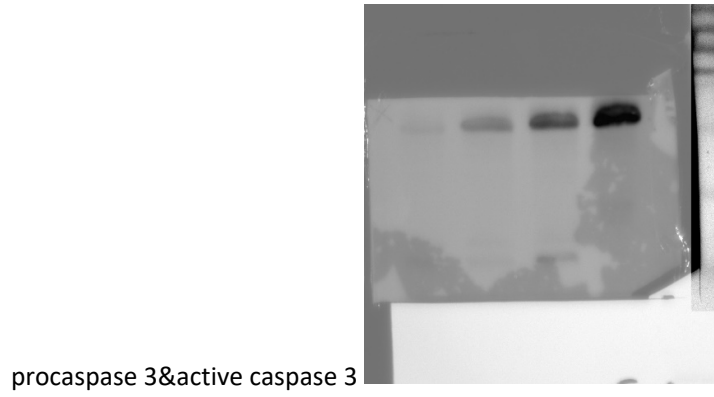
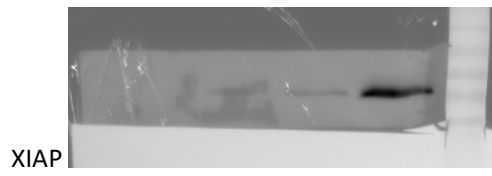
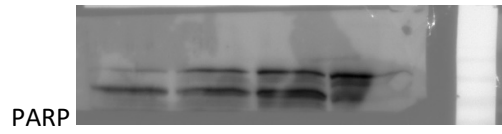
MV4-11:



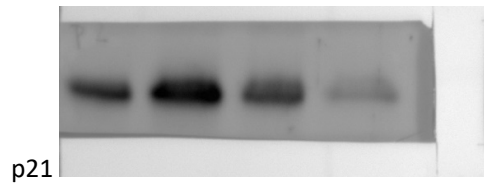
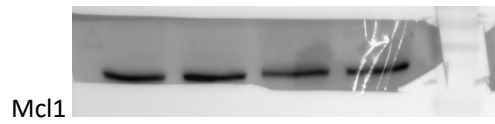
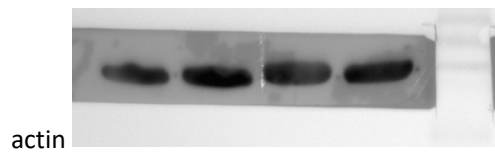


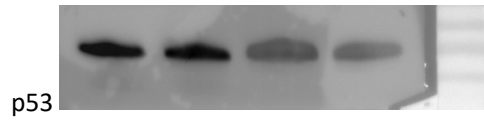
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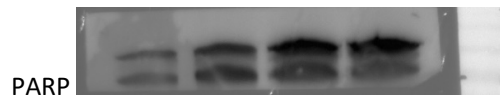


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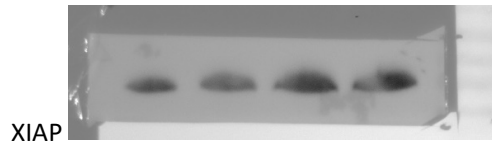




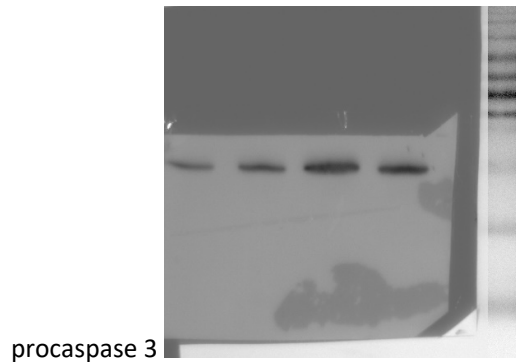
p53



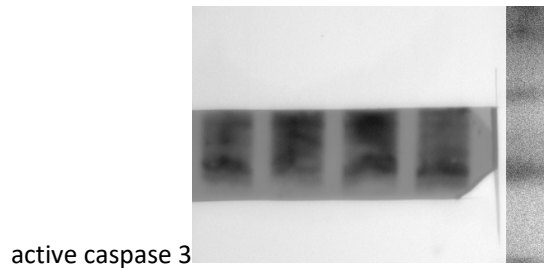
PARP



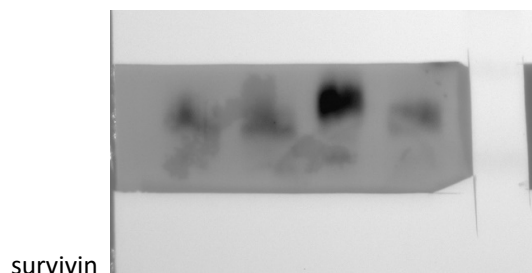
XIAP



procaspase 3

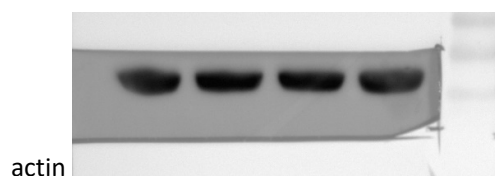


active caspase 3



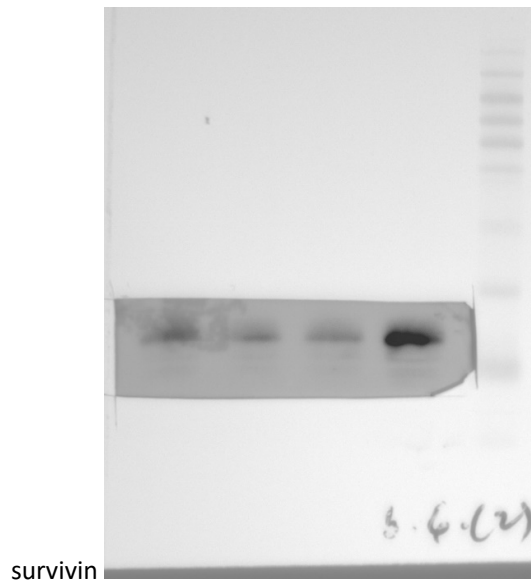
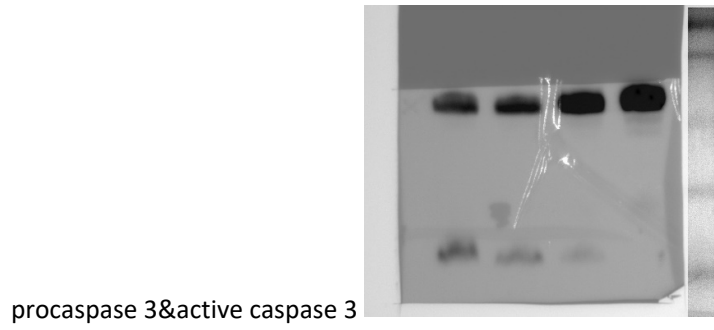
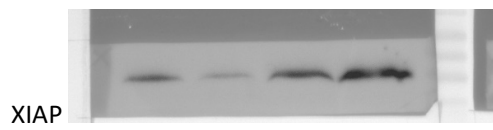
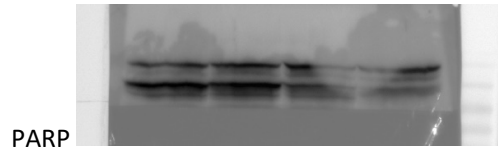
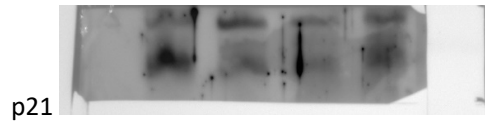
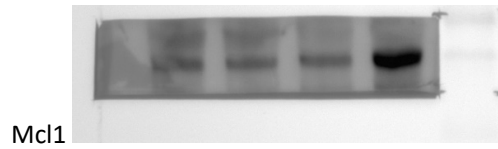
survivin

KG-1:

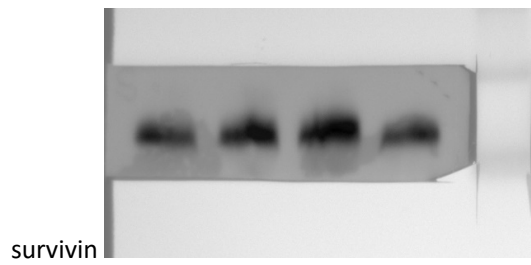
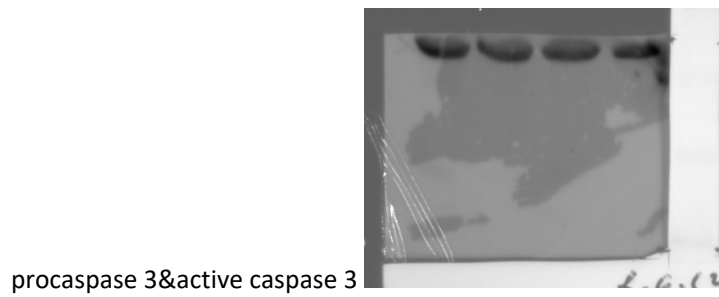
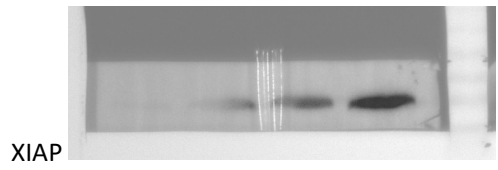
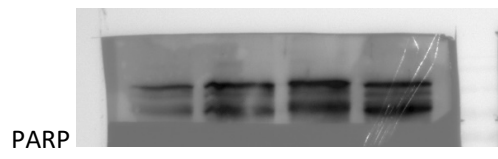
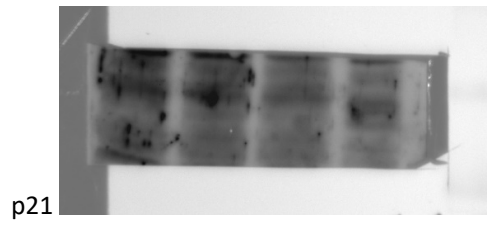
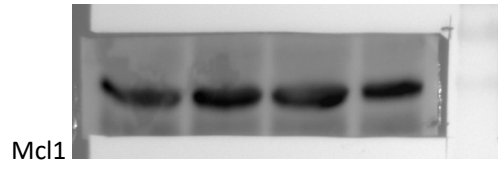
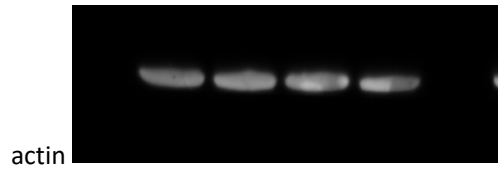


actin



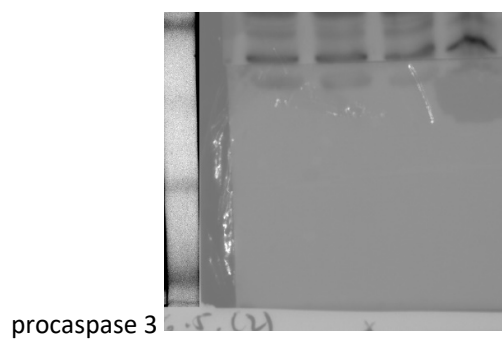
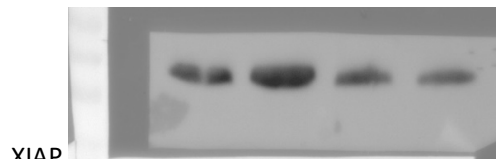
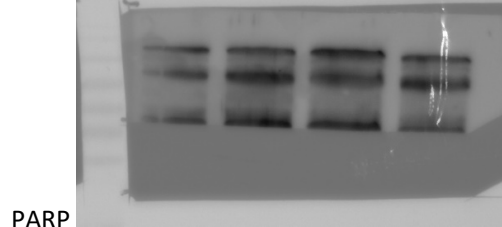
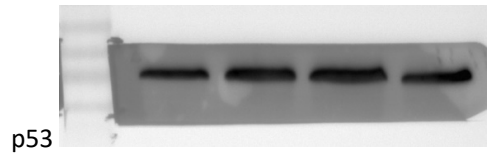
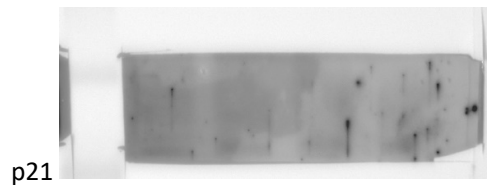
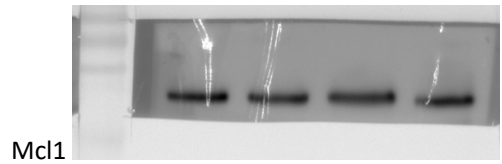
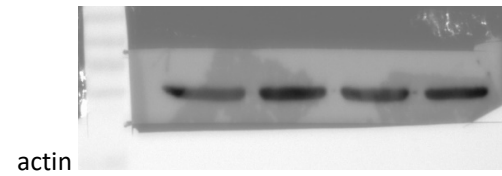


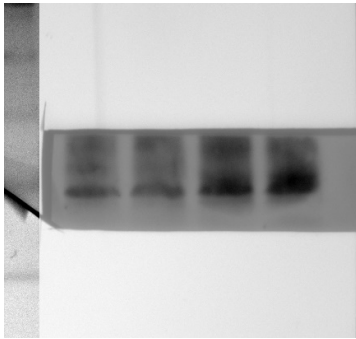
HL-60:



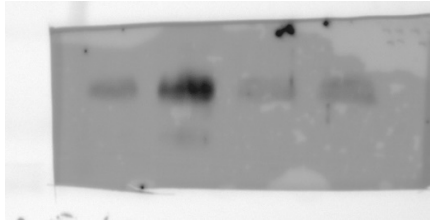
**Fig.5**

Kasumi:



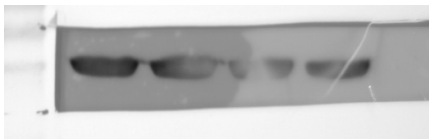


active caspase 3

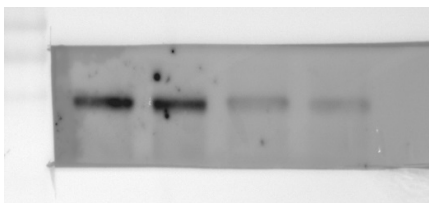


survivin

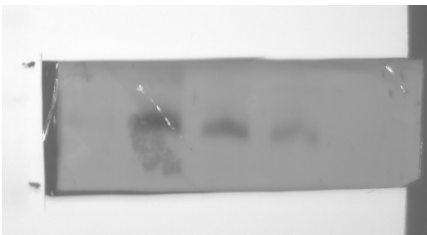
MV4-11:



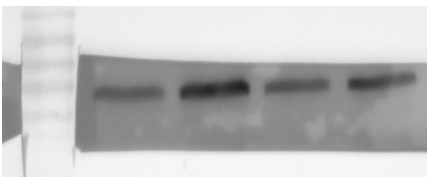
actin



Mcl1

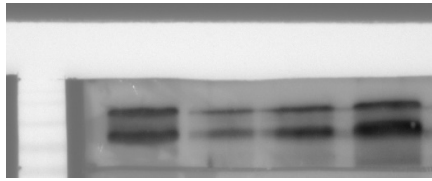


p21

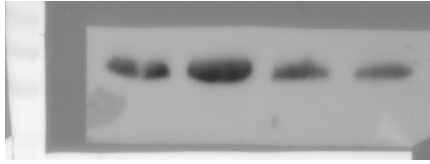


p53

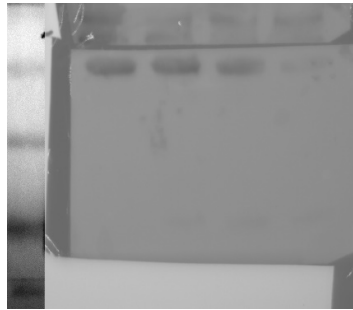
PARP



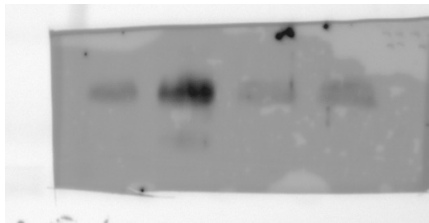
XIAP



procaspase 3&active caspase 3

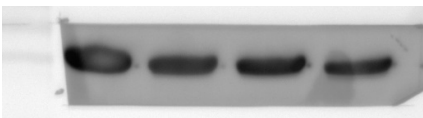


survivin

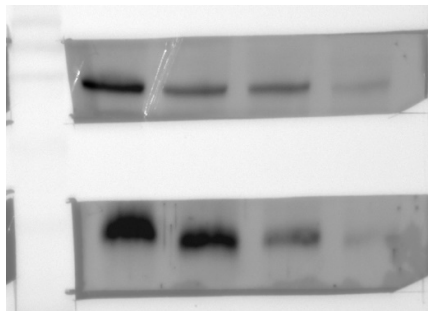


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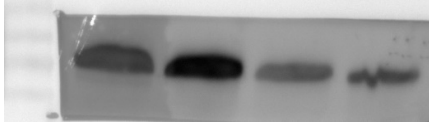
actin



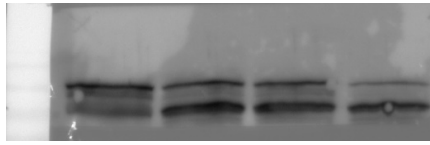
Mcl1 and p21



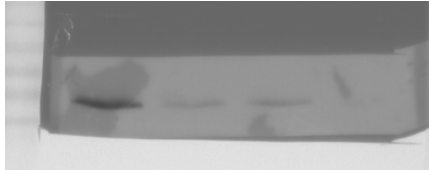
p53



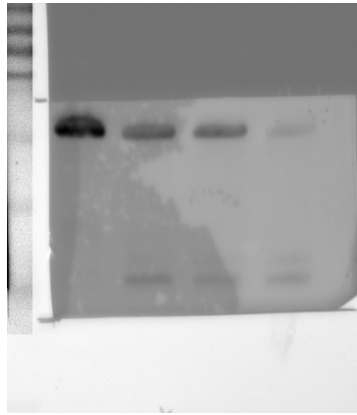
PARP



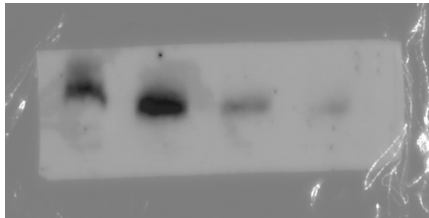
XIAP



procaspase 3&active caspase 3

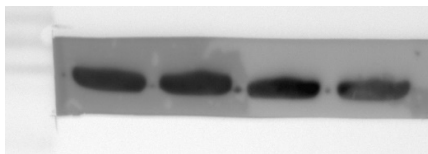


survivin

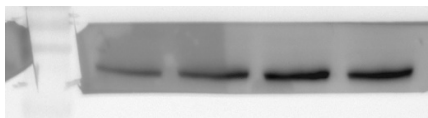


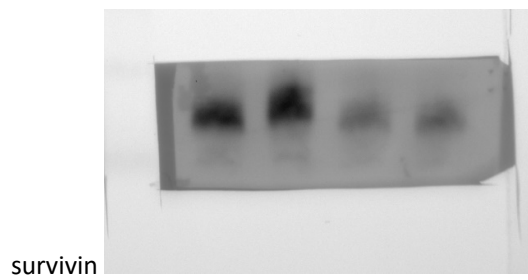
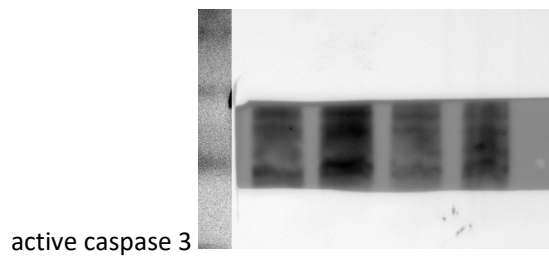
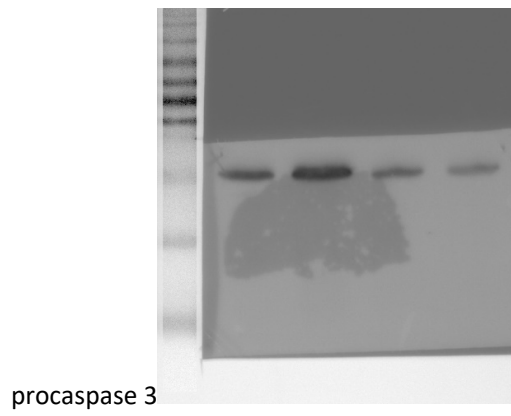
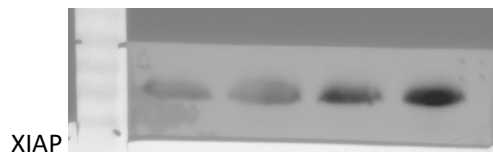
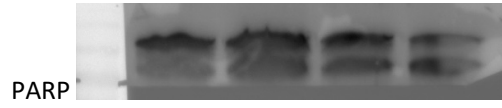
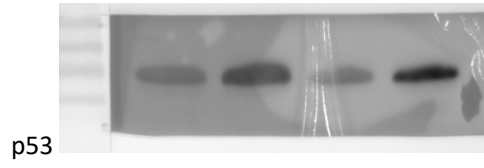
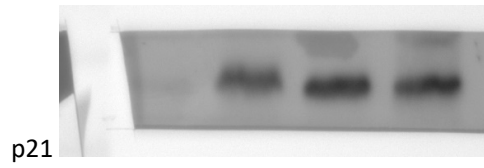
OCI-AML3:

actin

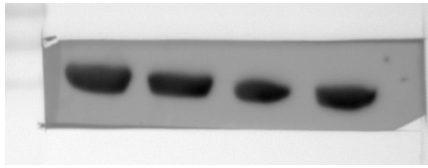


Mcl1

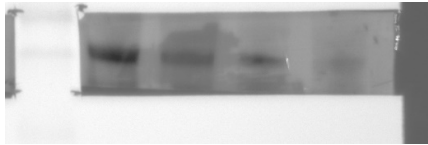




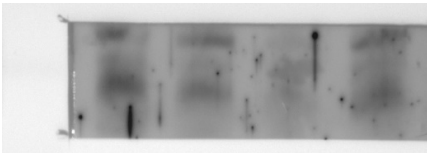
KG-1:



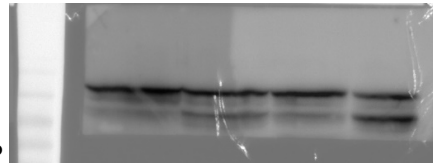
actin



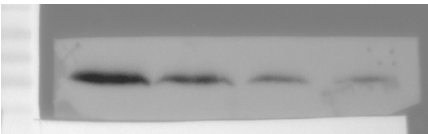
Mcl1



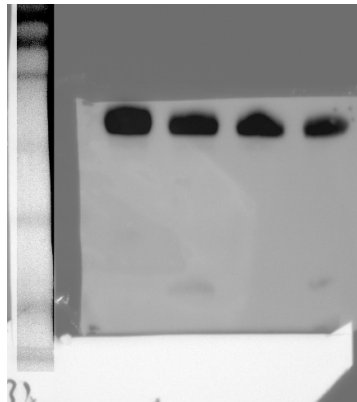
p21



PARP

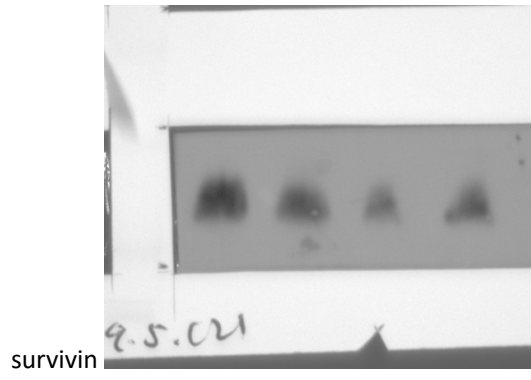


XIAP

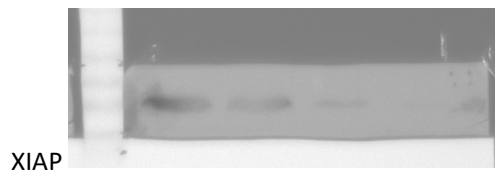
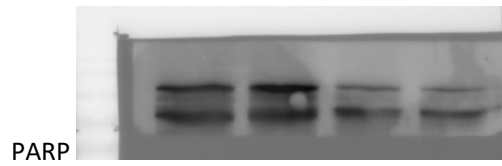
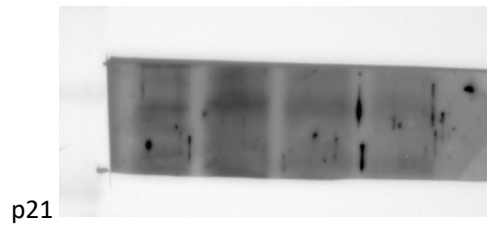
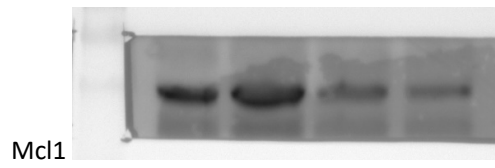
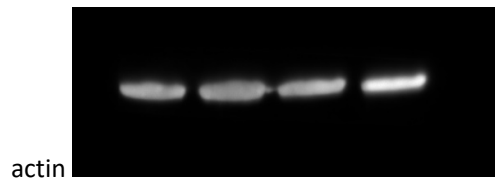


procaspase 3&active caspase 3

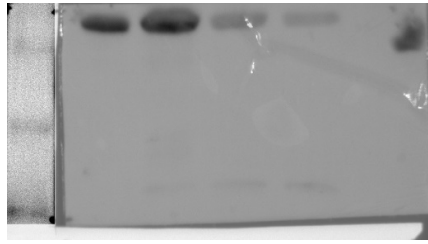




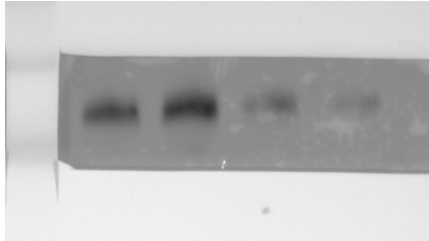
HL-60:



procaspase 3&active caspase 3



survivin



**Fig. S3: nuclei (Hoechst33342) staining merged with survivin signal in images from confocal microscope**

Fig. 4

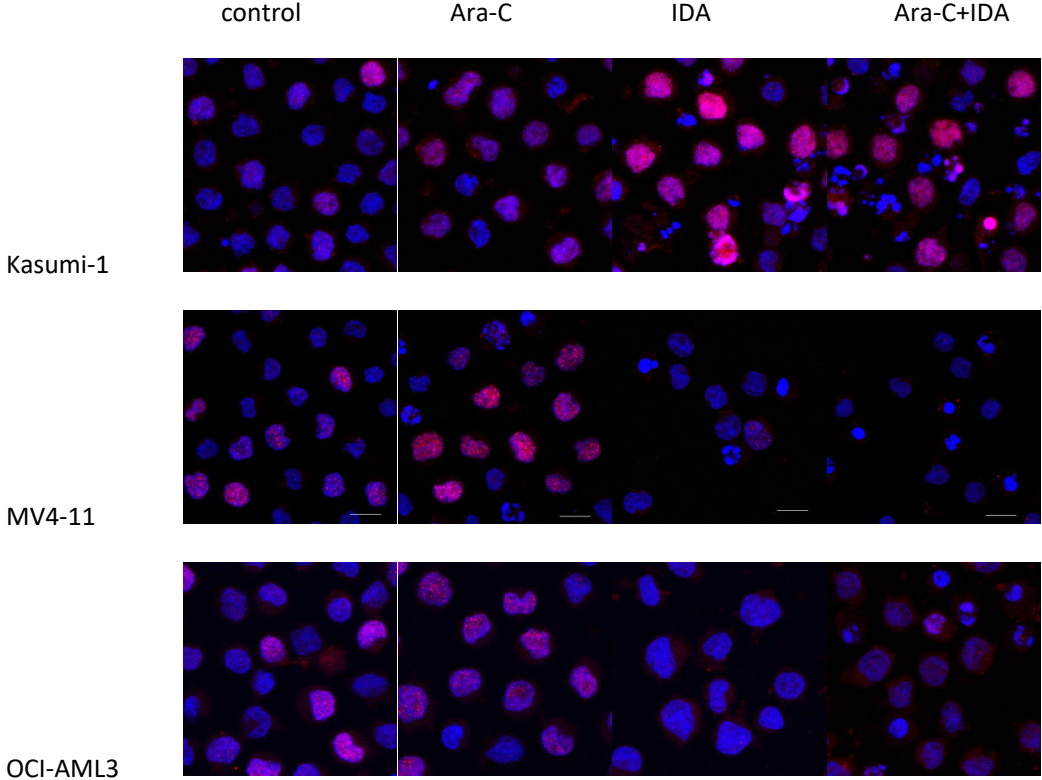


Fig. 6

