

Western Blot

Figure 1 :

Western-blot order samples:

L -- Scrbl - #3 - #7 -- Scrbl - #3 - #7 -- Scrbl - #3 - #7 -- Scrbl - #3 - #7

F18

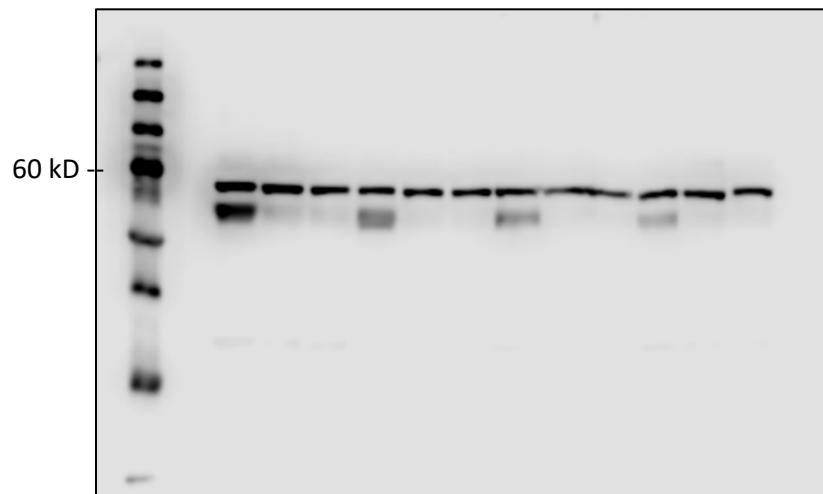
F21

F23

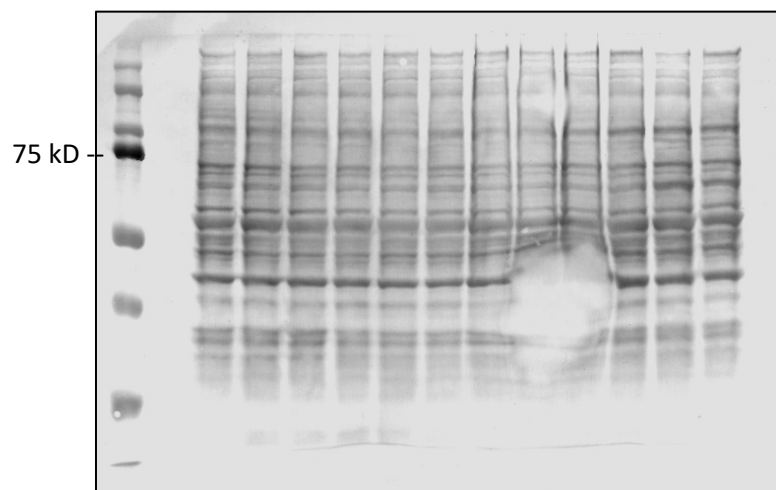
F38

With Ladder = L; SiScramble = Scrbl; siRIPK3#3 = #3; siRIPK3#7 = #7; Fibroblast primary culture name = F18, F21, F23 and F38

siRIPK3



Associated Ponceau



Western-blot order samples:

With Ladder = L; SiScramble = Scrbl; siMLKL#3 = #3; siMLKL#7 = #7; siMLKL#8 = #8; Fibroblast primary culture name = F18, F21, F23 and F38

Western blot analysis showing the expression of the 60 kD protein in various tissues. The blot displays a single prominent band at approximately 60 kD across all lanes, indicating the presence of the protein in all tested tissues. The intensity of the band is relatively consistent across the lanes, suggesting similar levels of protein expression.

75 kD

18

Figure 4

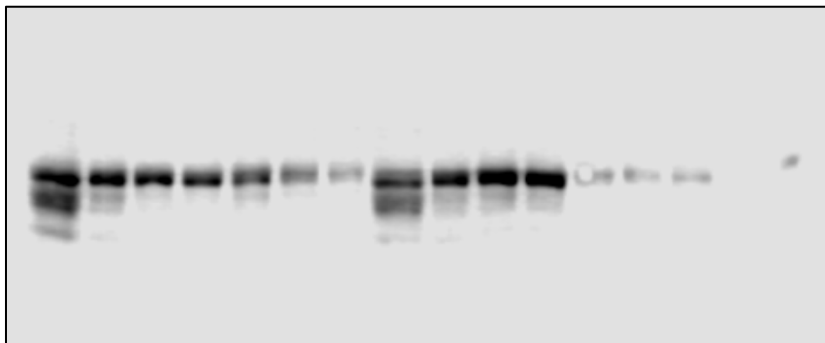
Western-blot order samples:

NoUV	NoUV+A						CLUV	CLUV+A						L	
0h	0	0.5	1	6	9	12	0h	0	0.5	1	6	9	12		Time post-irradiation (hrs)

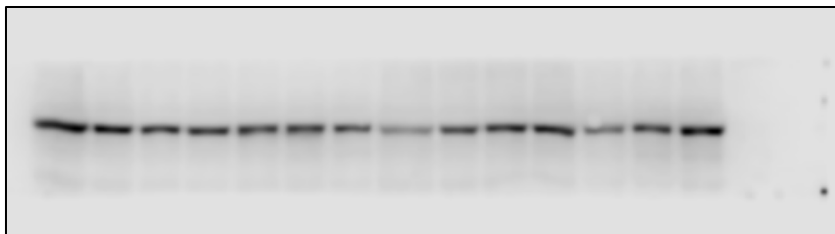
With Ladder =L; unirradiated cells (Ctrl) = NoUV; irradiated cells = NoUV+A; chronic low UVB-dose (repeated irradiation) = CLUV; chronic low UVB-dose plus an acute irradiation = CLUV+A.

After Ponceau staining, membrane was cut under 75kD and above 37kD. Between each antibody, membrane was strip. Antibodies were done in this order : Phospho-MLKL phospho-RIPK3, RIPK3 and MLKL

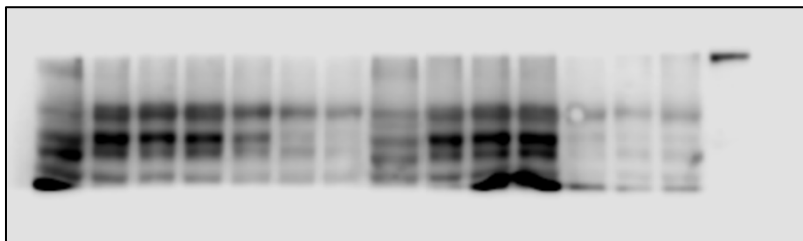
MLKL-P



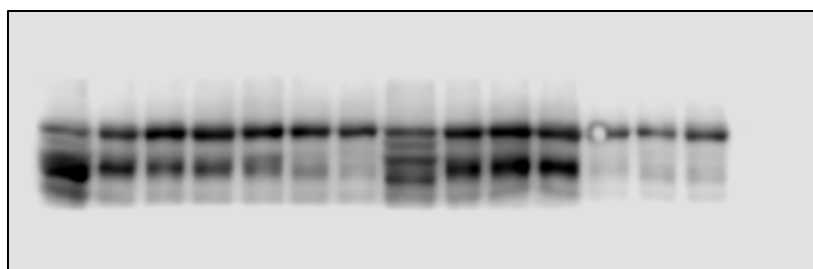
MLKL



RIPK3-P



RIPK3



Associated Ponceau

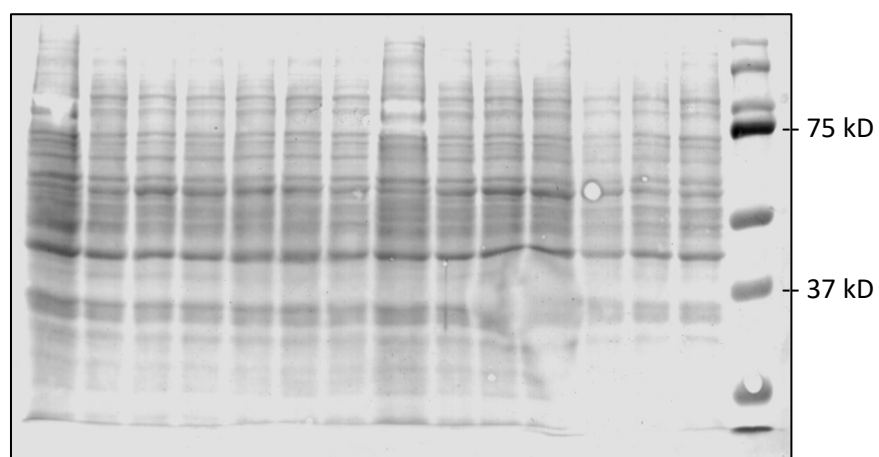


Figure 5 A

Western-blot order samples:

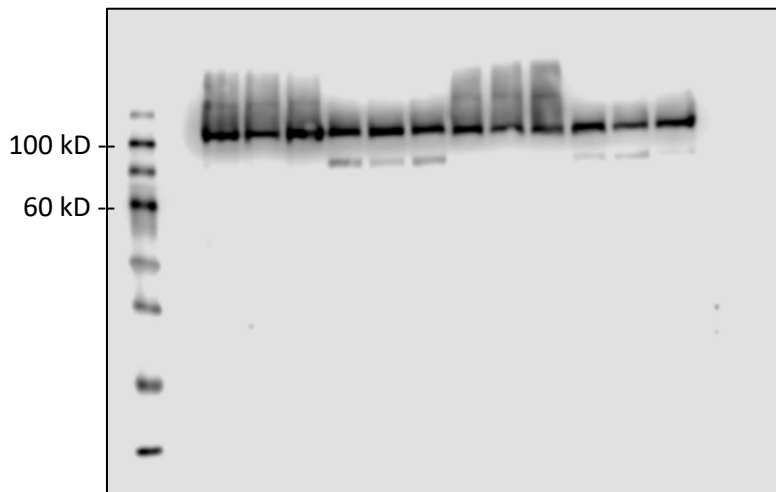
L -- Scrbl - #3 - #7 -- Scrbl - #3 - #7 -- Scrbl - #3 - #7 -- Scrbl - #3 - #7

F23				F38			
NoUV		UV		NoUV		UV	
1	2	3	4	5	6	7	8

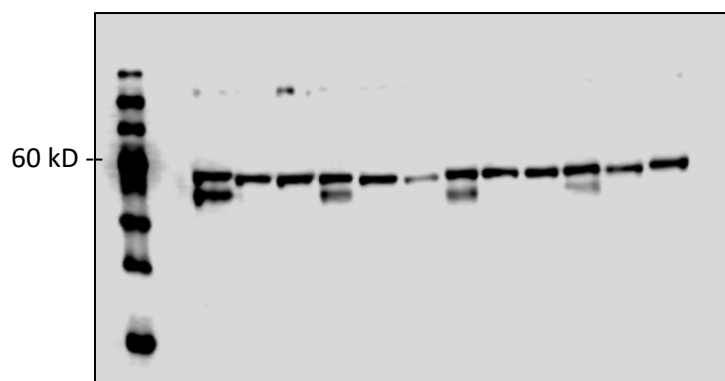
With Ladder = L; SiScramble = Scrbl; siRIPK3#3 = #3; siRIPK3#7 = #7; unirradiated cells = noUV; irradiated cells = UV; Fibroblast primary culture name = F23 and F38

Between each antibody, membrane was strip. Antibodies were done in this order: PARP then RIPK3.

PARP



RIPK3



Ponceau

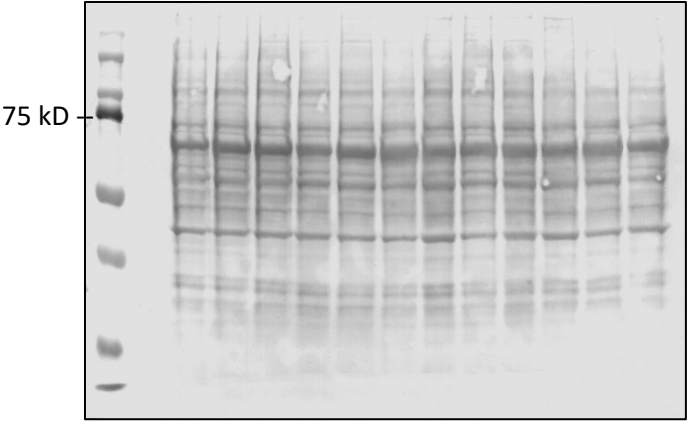


Figure 5 B

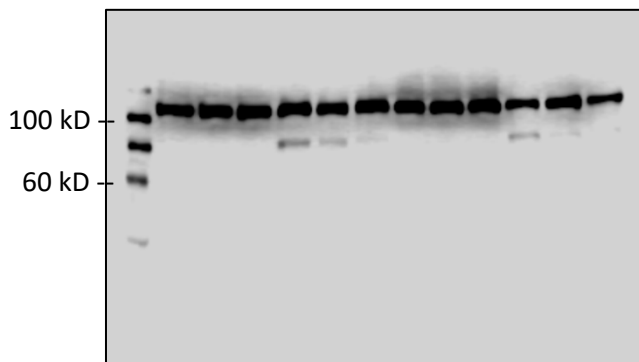
Western-blot order samples:

NoUV		UV		NoUV		UV	
L	Scrbl - #3 - #7	Scrbl - #3 - #7	Scrbl - #3 - #7	Scrbl - #3 - #7	Scrbl - #3 - #7	-	-
F18				F21			

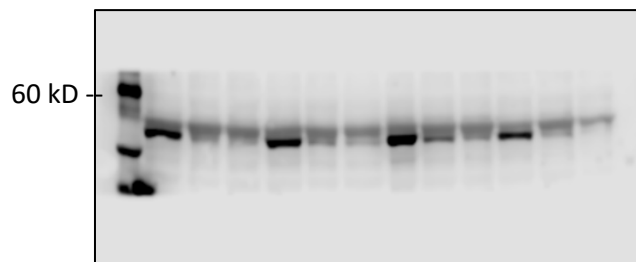
With Ladder = L; SiScramble = Scrbl; siMLKL#3 = #3; siMLKL#7 = #7; siMLKL#8 = #8; unirradiated cells = noUV; irradiated cells = UV; Fibroblast primary culture name = F18 and F21

After Ponceau staining, membrane was cut under 75kD and above 37kD for MLKL staining. After stripping the membrane, staining of PARP was done, the cutted-membrane above 75kD was also stained for PARP, the two cutted parts were revealed at the same time.

PARP



MLKL



Ponceau

