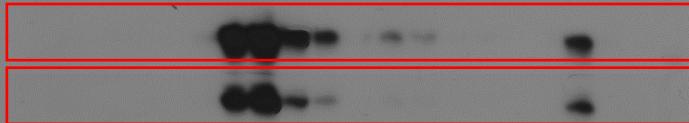


Optiprep  
Fraction no.

1 2 3 4 5 6 7 8 9 10 11 12

GM130 -

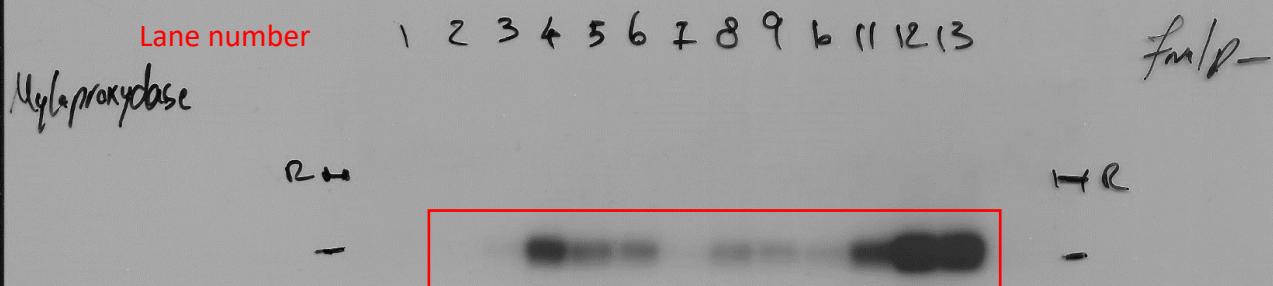
GM130 +



- fMLP

+ fMLP

Figure 1C - GM130



R = Red band, corresponding to 75 Kda

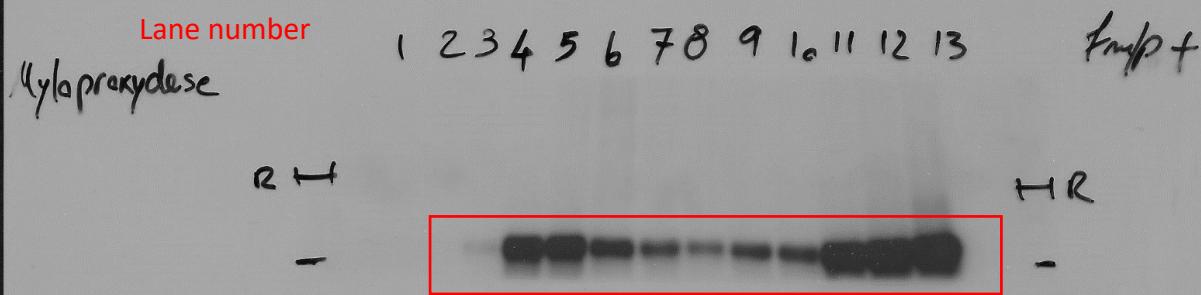


Figure 1C – Myeloperoxidase (MPO)

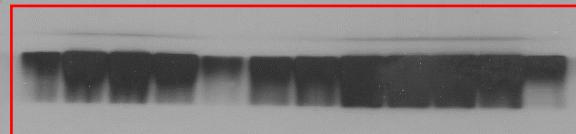
Note: Lane 1 is fraction 0, Lane 2, Fraction 1 and so forth  
 Fraction 0 is the supernatant and does not contain gradient media

560 -

560 +

Fraction number 1 2 3 4 5 6 7 8 9 10 11 12 13

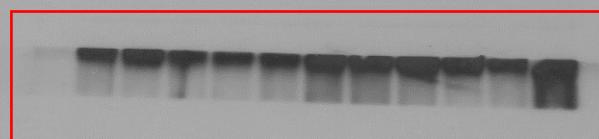
+fMLP



MMP9 +

1 2 3 4 5 6 7 8 9 10 11 12 13

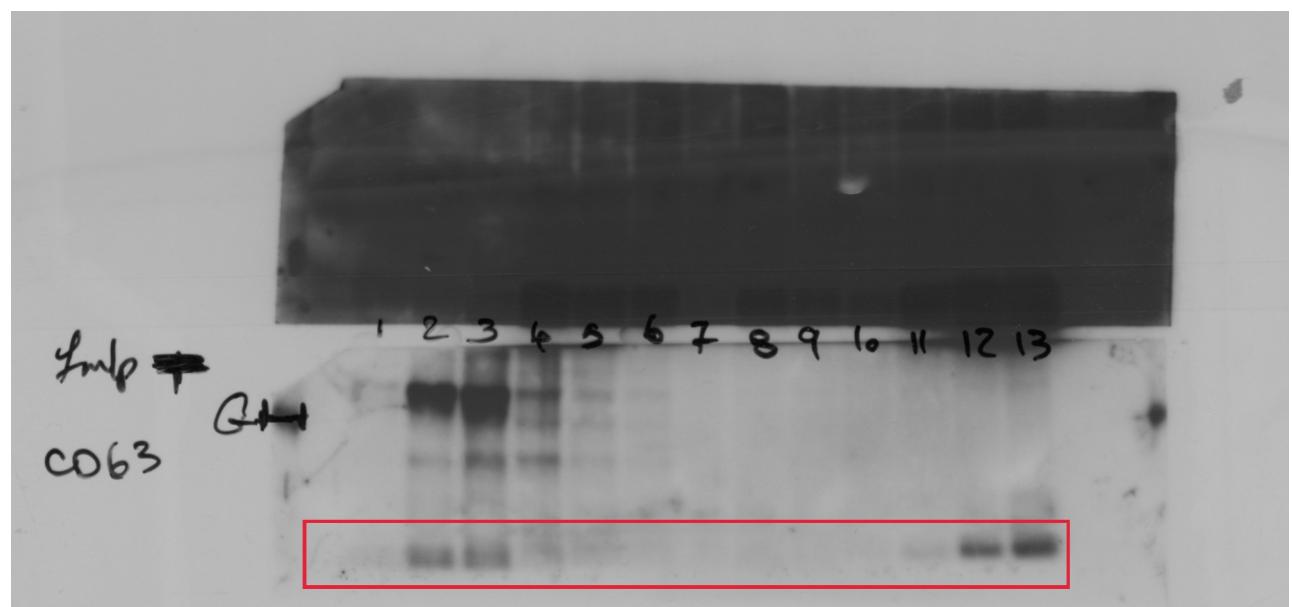
-fMLP



MMP9 -

Figure 1C – MMP9

Note: The annotations have been performed on a horizontally flipped western blot. The correct orientations has been included in Fig 1C. The fraction number loading sequence remains unchanged.



Notes : 1. G- green marker ( 35 Kd, Cd 63 is 25 Kda).

2. Lane 1 = fraction 0, supernatant that does not contain optiprep in the gradient and typically discarded in later experiments

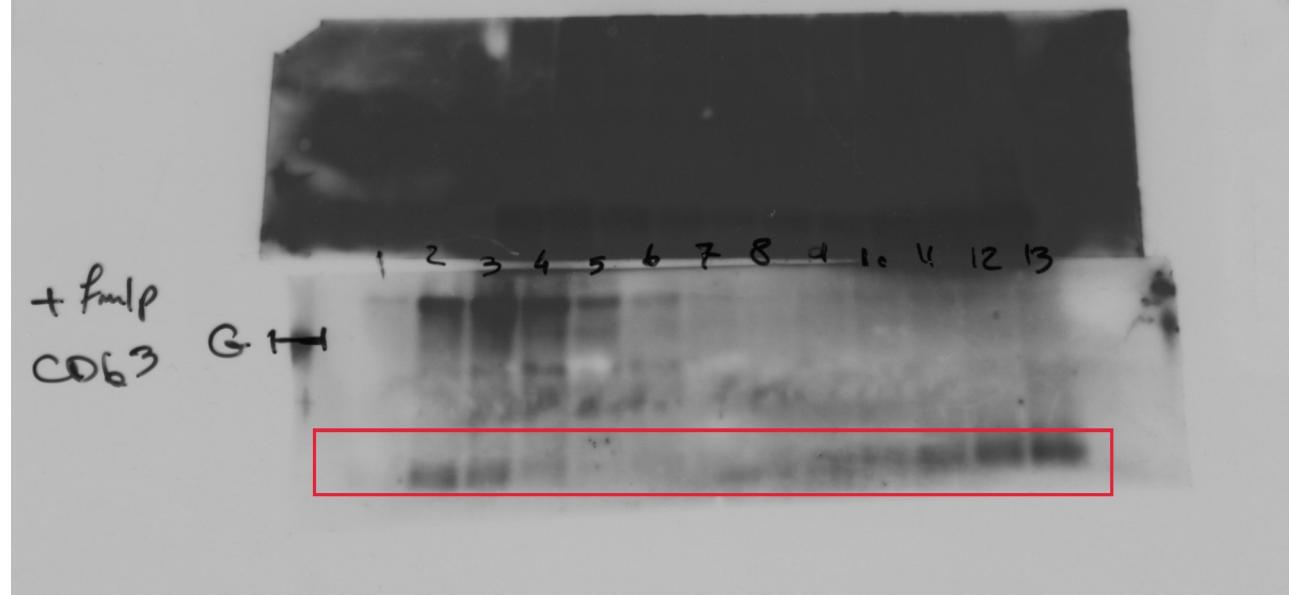


Figure 1C - CD63

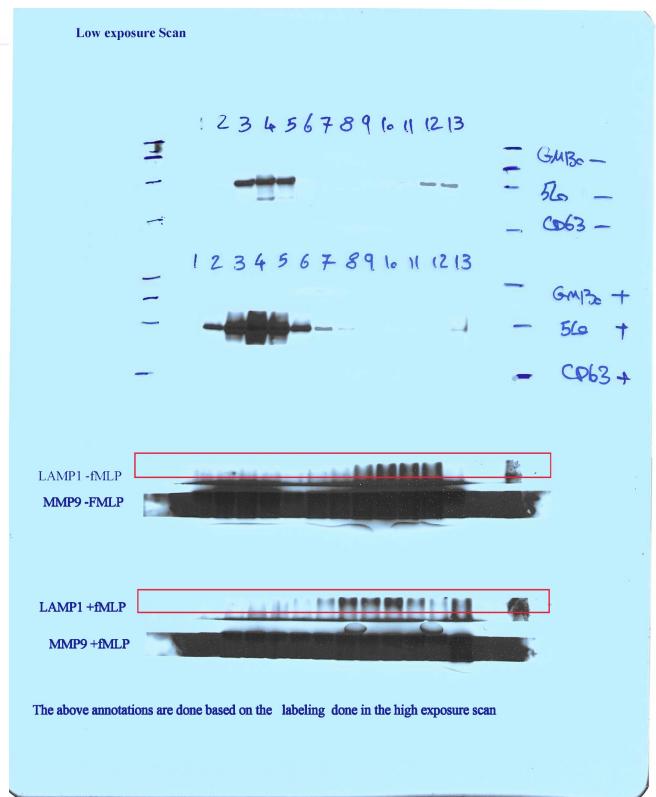
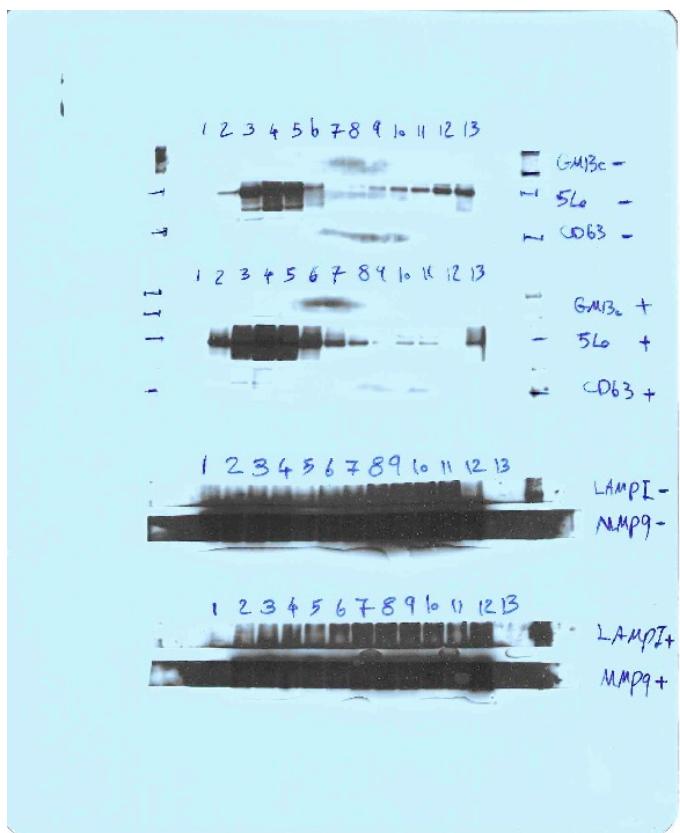


Figure 1C - LAMP1

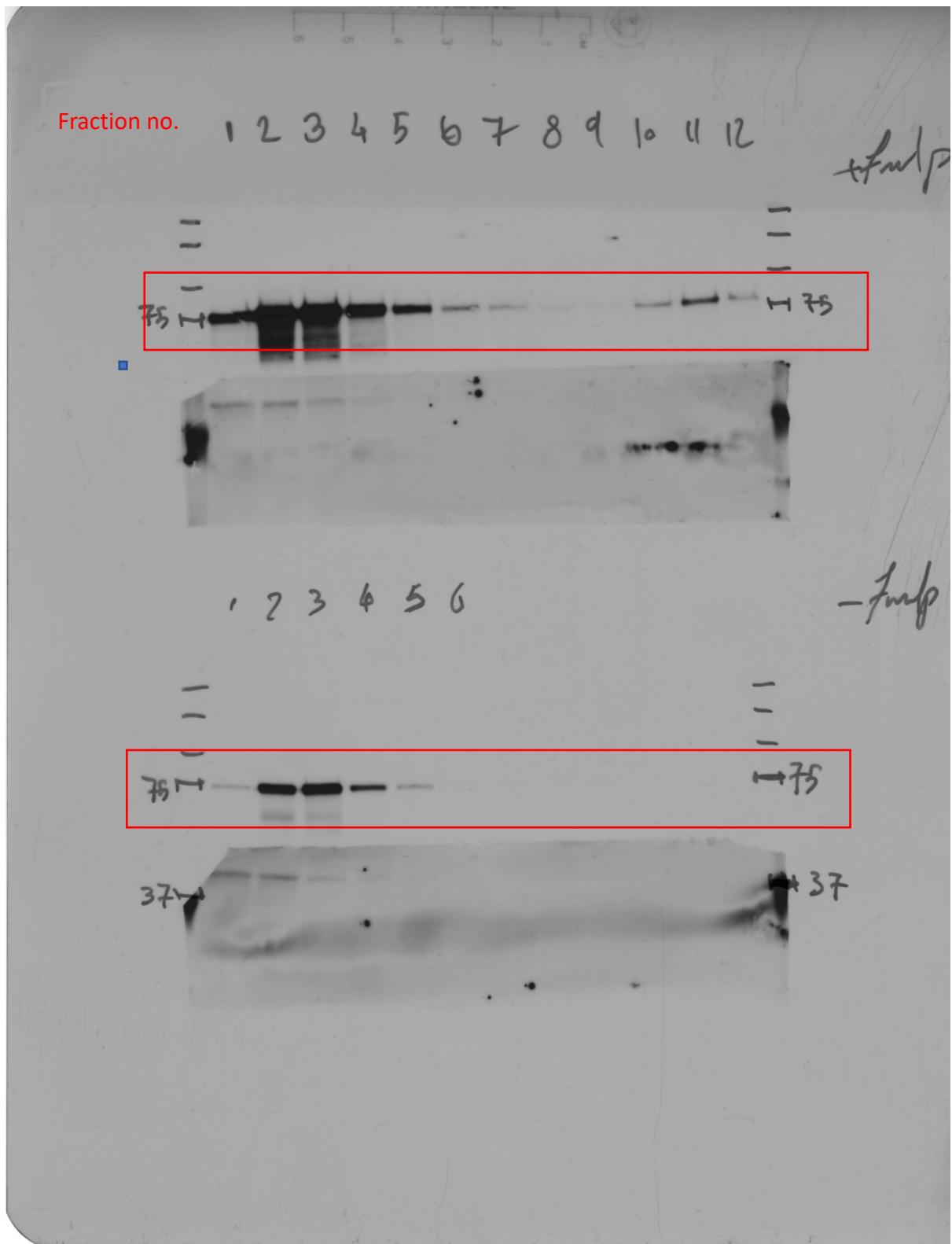


Figure 1C - 5LO

## High Exposure

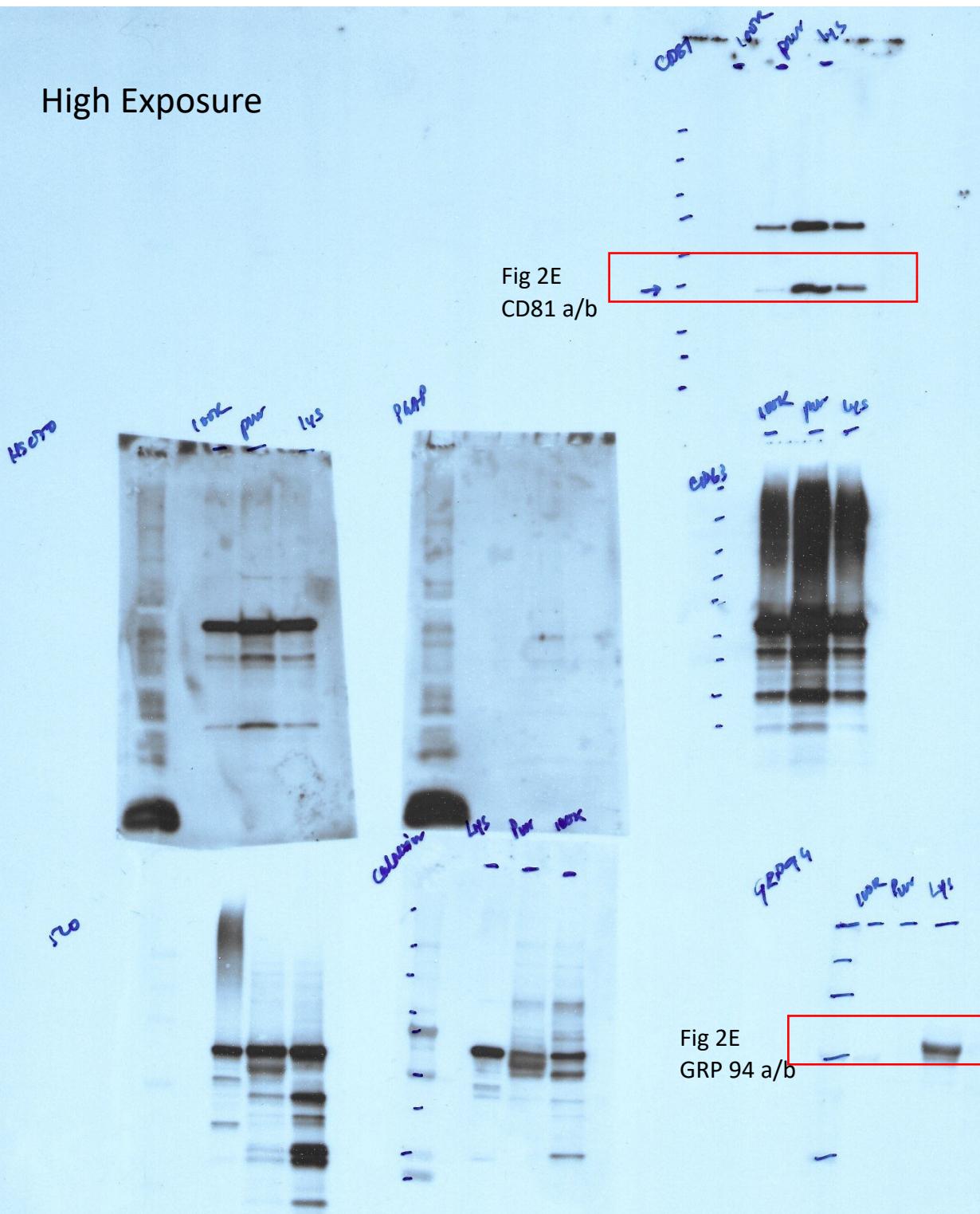


Figure 2E - High exposure Blot  
\* Also see Fig 2E mid exposure blot

Lys: Lysate  
Pur: Purified exosome  
100K: Unpurified exosome (100K spin pellet)

## Mid Exposure

Fig 2E



Figure 2E - Mid exposure Blot.  
See High exposure blot for annotations

Lys: Lysate

Pur: Purified exosome

100K: Unpurified exosome (100K spin pellet)

## Low Exposure

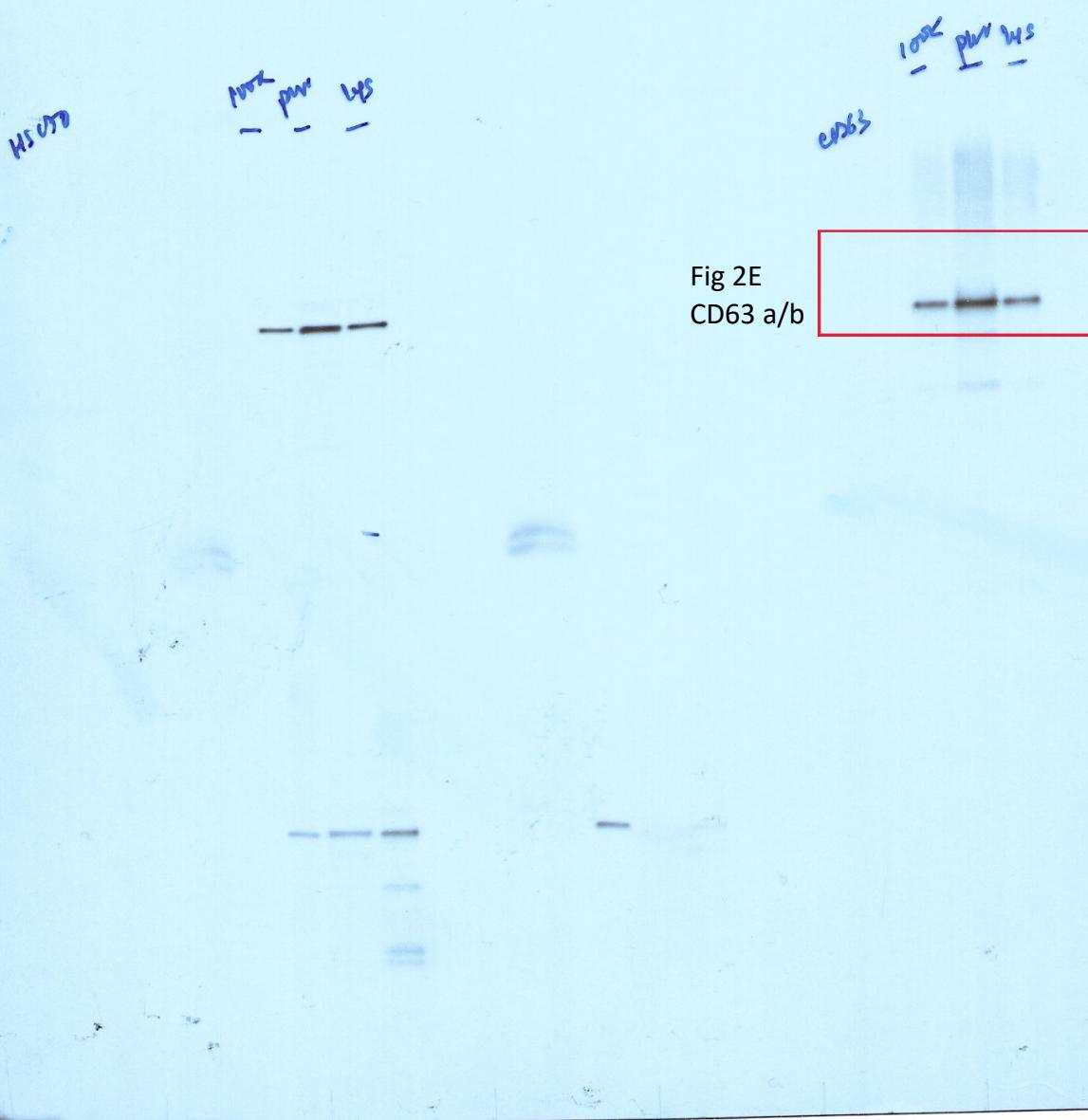


Figure 2E - Low exposure Blot

Lys: Lysate

Pur: Purified exosome

100K: Unpurified exosome (100K spin pellet)

**Fig 2G**

## Optiprep fraction density

Figure 2G – Hsc70

Fig 2G

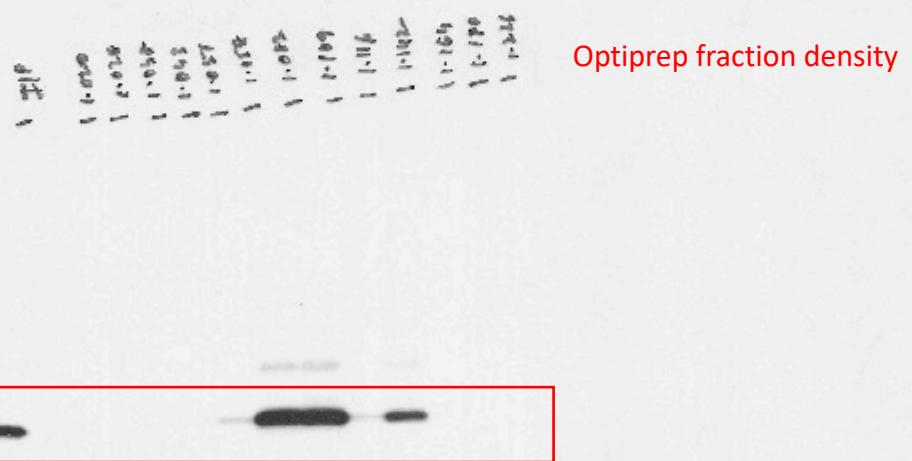


Figure 2G - FLAP

Optiprep fraction density

Fig 2.G



Optiprep fraction density

Fig 2.G

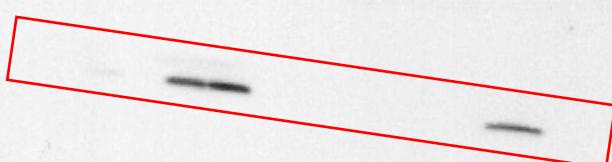


Figure 2G – 5-LO and LTA4H

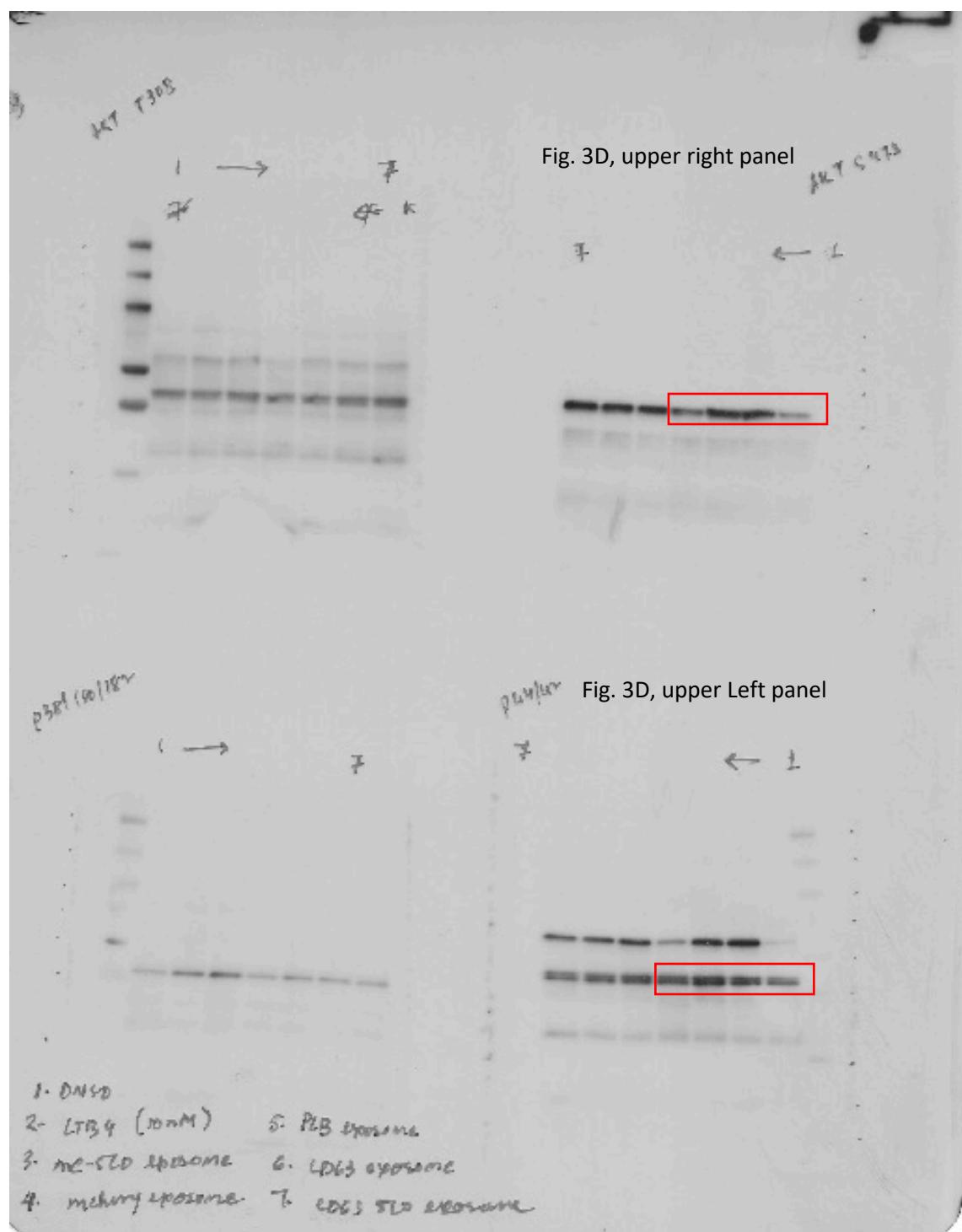


Figure 3D - pERK, pAKT blots

1. DMSO Treated Cells
2. LTB4 treated cells
3. Exosome treated mCherry 5LO cells
4. Exosome from mCherry Cells

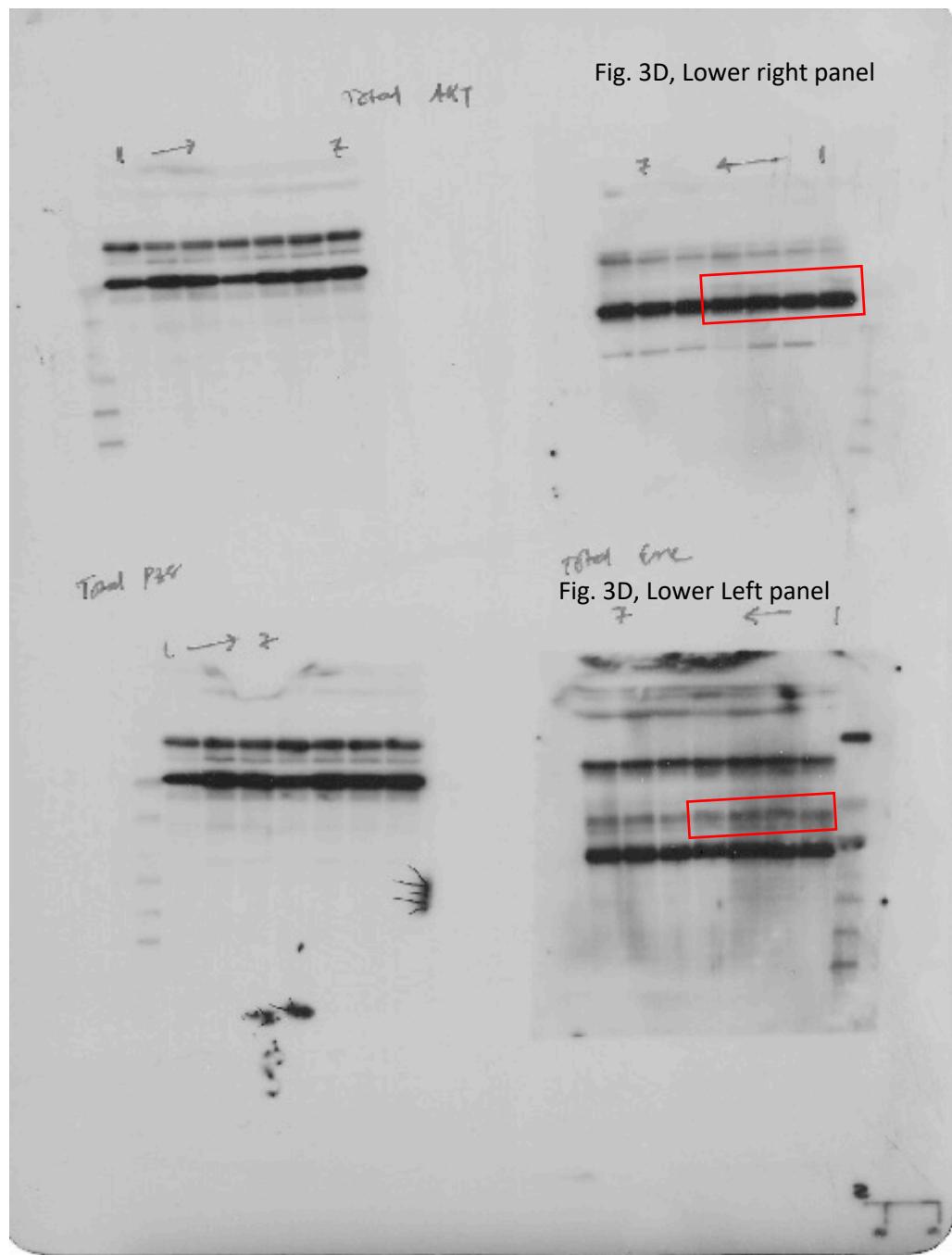


Fig. 3D, Lower right panel

Fig. 3D, Lower Left panel

Figure 3D - Total ERK, AKT blots  
Annotations same as for Fig 3D pERK/AKT blots

1. DMSO Treated Cells
2. LTB4 treated cells
3. Exosome treated mCherry 5LO cells
4. Exosome from mCherry Cells

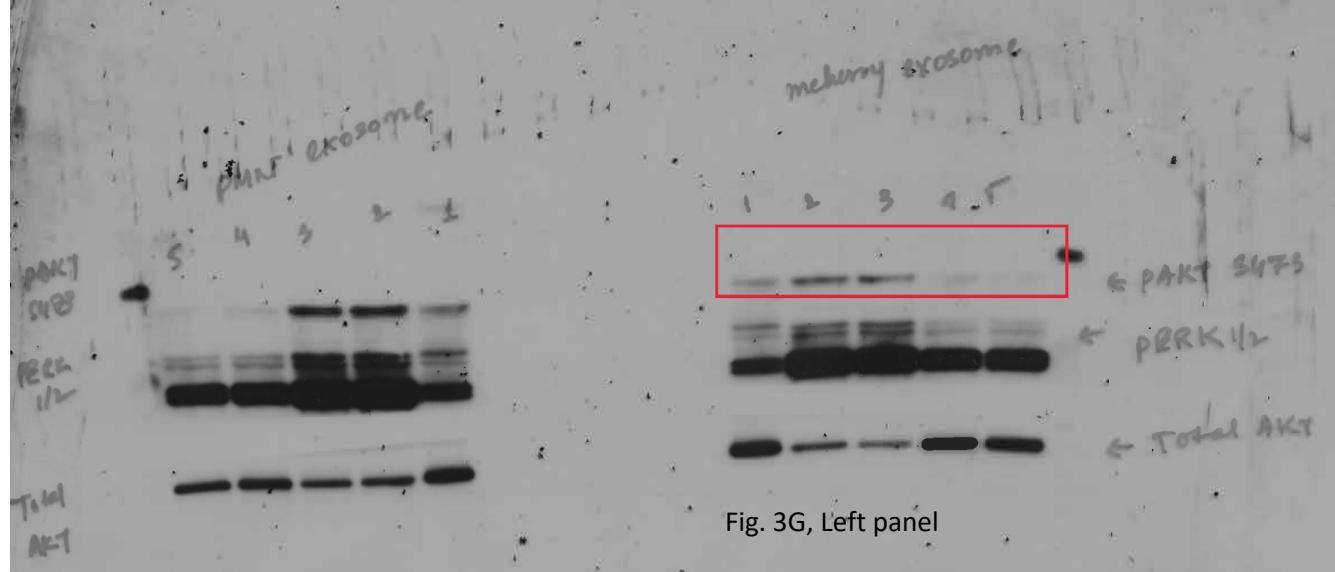


Fig. 3G, Left panel

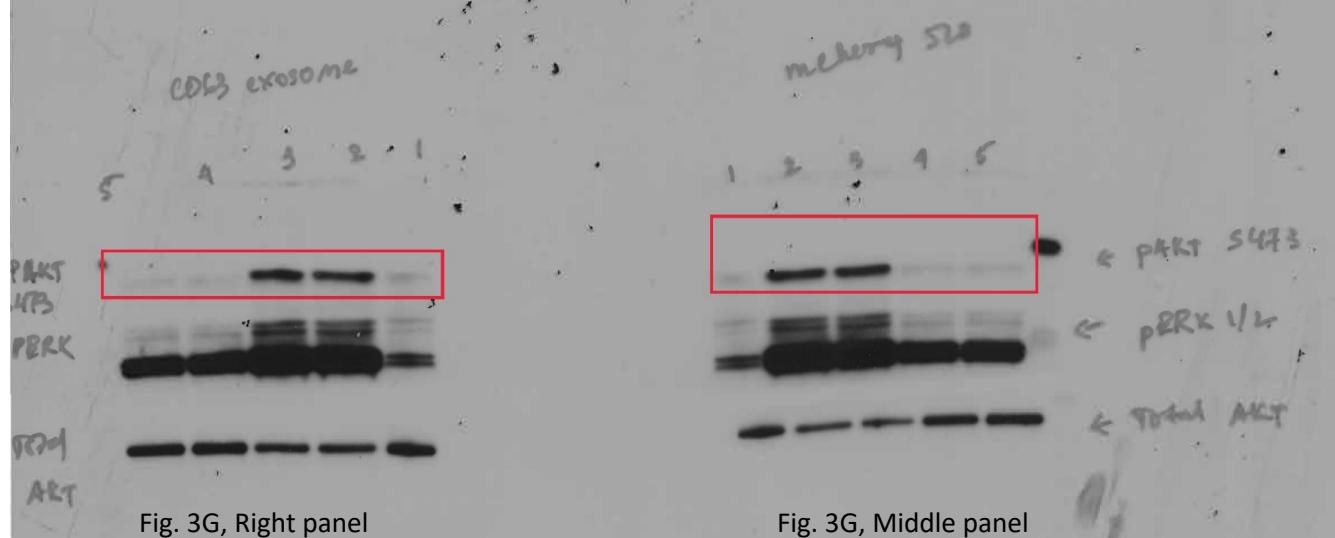


Fig. 3G, Right panel

Fig. 3G, Middle panel

1. Blood
2. exosome
3. LTB4
4. LY + exosome
5. LTB4 + LY

Figure 3G

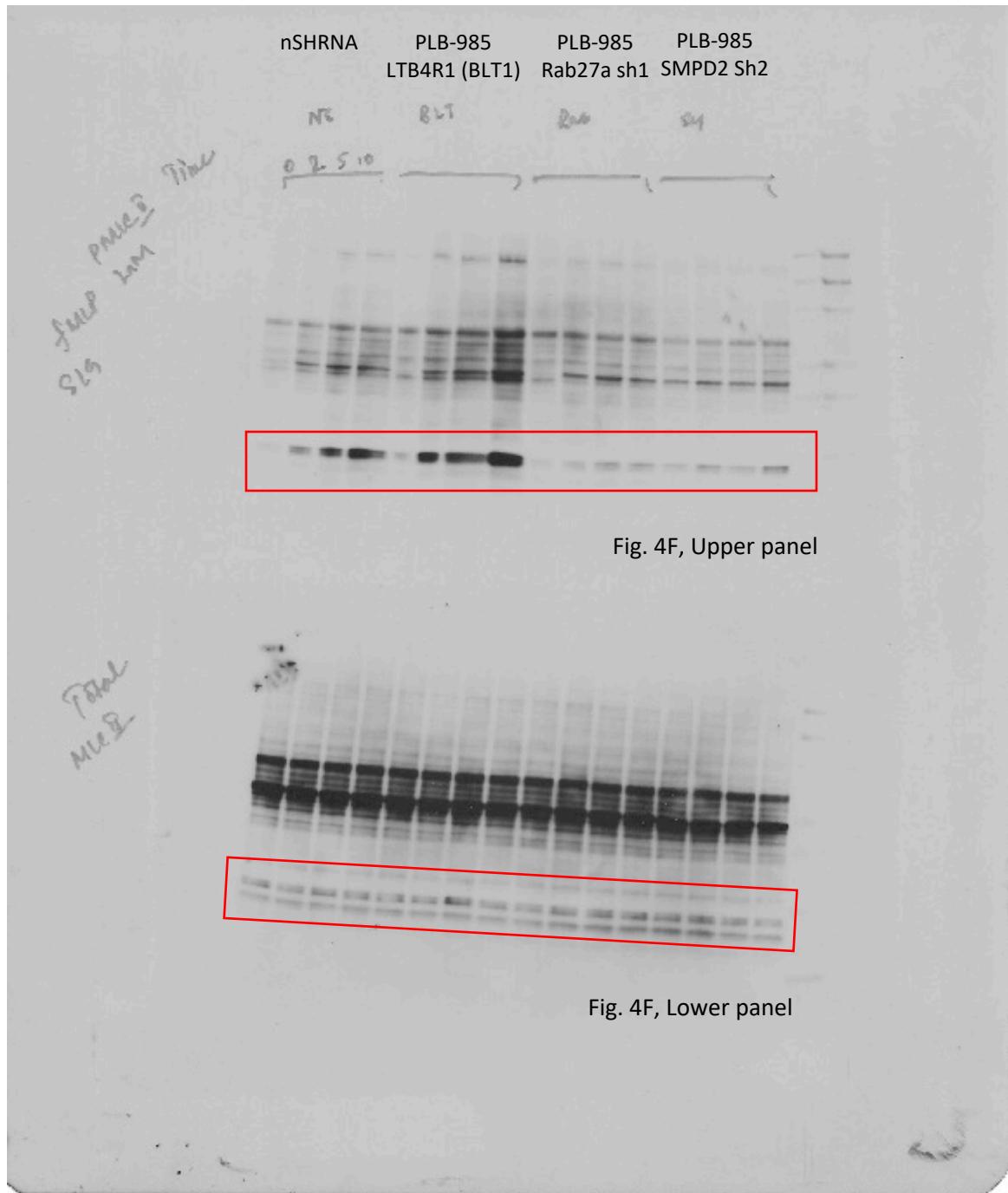


Figure 4F

Differentiated cell

Parcels 48  
1:15

1 PLB  
2 Rab27a Sh1  
3 Rab27a Sh3  
4 SMPD2 Sh2  
5 SMPD2 Sh4  
6 NS

1 2 3 4 5 6

Shear ap  
1:20

1. PLB-985
2. Rab27a Sh1
3. Rab27a Sh3
4. SMPD2 Sh2
5. SMPD2 Sh4

Fig S4. Right Mid panel

Non-Differentiated cell

Rab27a antibody

SMPD2 antibody

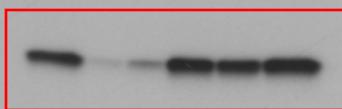
Figure S4A- High exposure

Antibody  
1:1K

Rab27a  
dilution

Differentiated cell

PLB  
Rab27a Sh1  
Rab27a Sh3  
SMPD2 Sh1  
SMPD2 Sh4  
NS



PLB  
Rab27a Sh1  
Rab27a Sh3  
SMPD2 Sh1  
SMPD2 Sh4  
NS

Antibody  
1:2K

1. PLB-985
2. Rab27a Sh1
3. Rab27a Sh3
4. SMPD2 Sh1
5. SMPD2 Sh4

Fig S4. Left Upper Panel

Antibody  
1:1K

Non-Differentiated cell

1 2 3 4 5 6



1 2 3 4 5 6

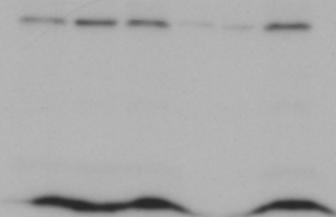


Fig S4. Right Upper Panel

Rab27a antibody

SMPD2 antibody

Figure S4A - Low exposure

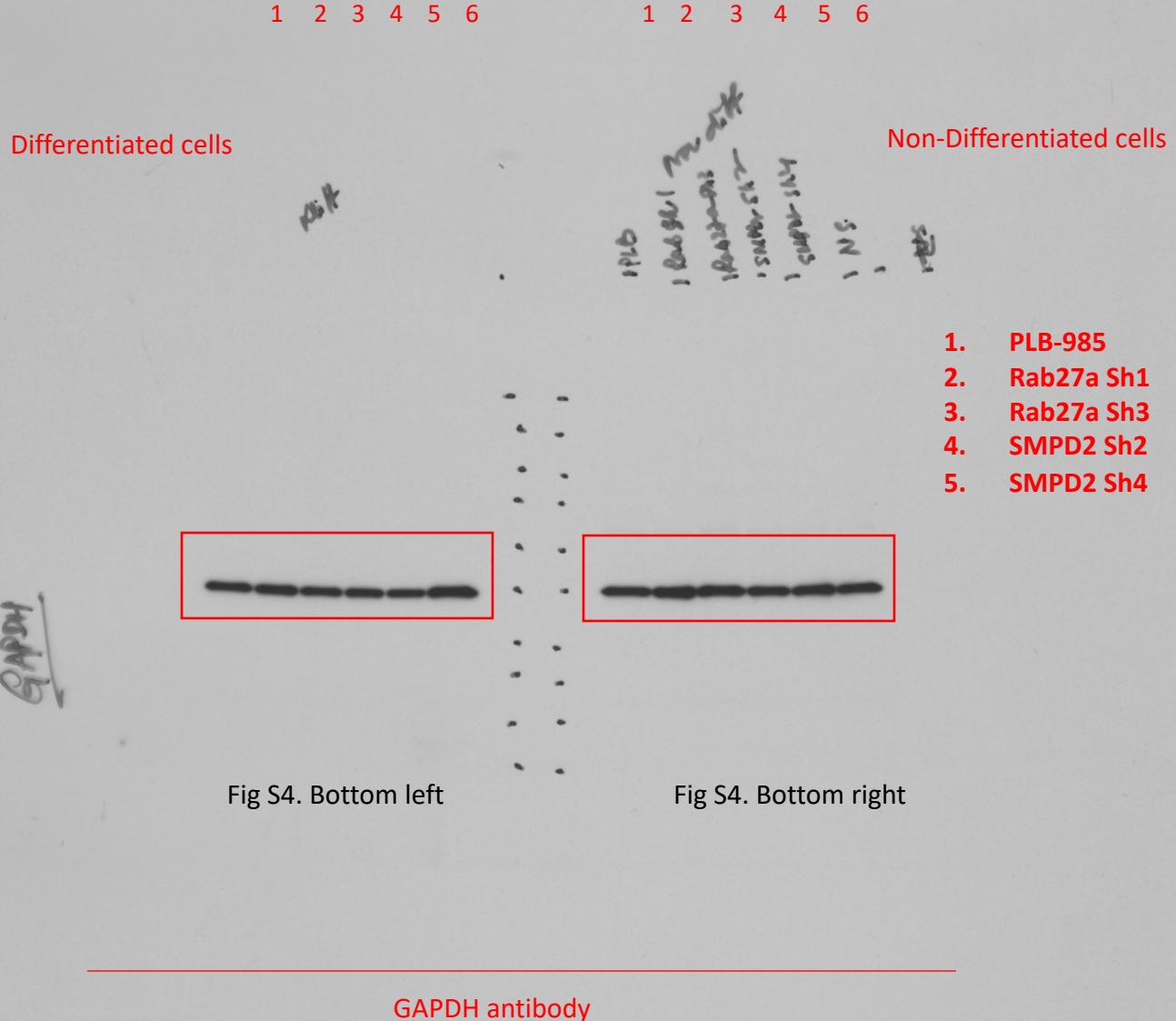


Figure S4A

Fig S5B, lower panel

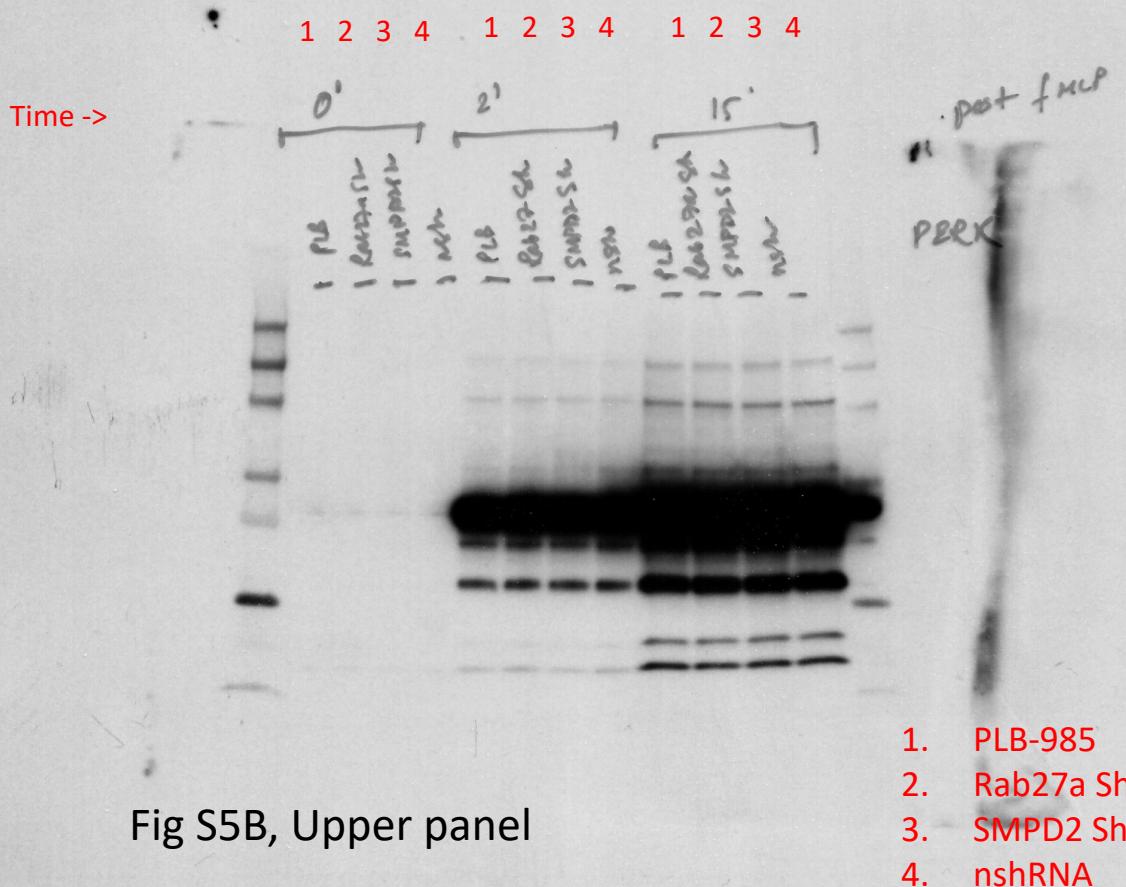
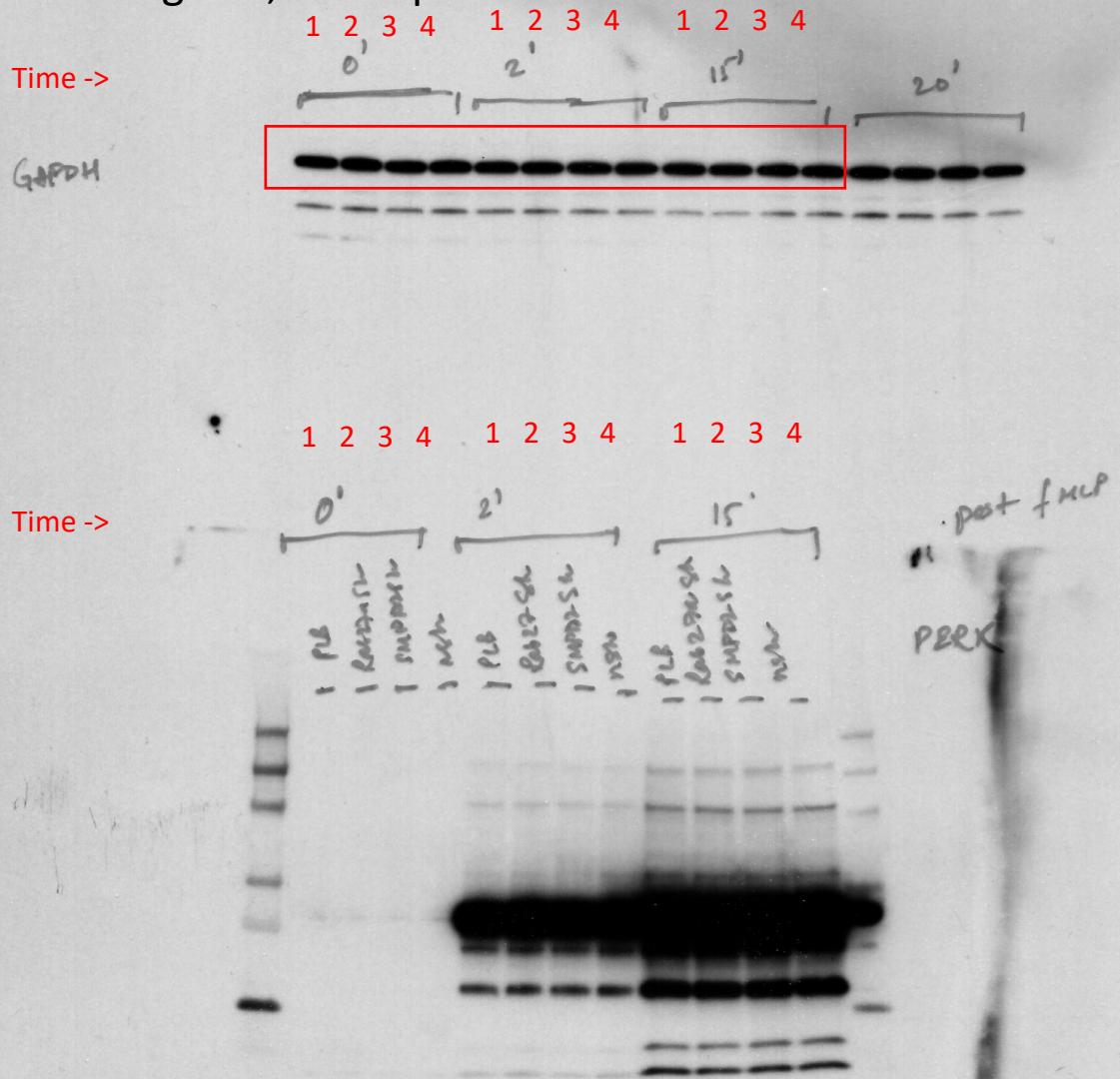
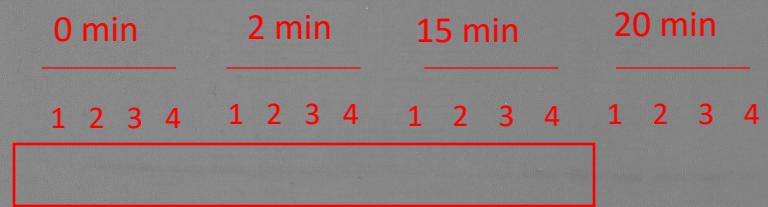
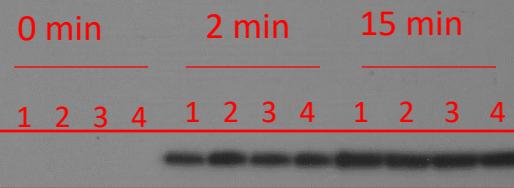


Fig S5B, Upper panel

Figure S5B - High exposure



GAPDH



pERK1/2

Figure S5B - Low exposure  
See Fig S5B High exposure for annotations