

## 10-7621: Monoclonal Antibody to CD137 / 4-1BB (Clone: ABM2B2.1A5)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM2B2.1A5
<b>Application :</b>	FACS,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	TNFRSF9
<b>Gene ID :</b>	3604
<b>Uniprot ID :</b>	Q07011
<b>Format :</b>	Purified
<b>Alternative Name :</b>	4-1BB ligand receptor, CDw137, T-cell antigen 4-1BB homolog, T-cell antigen ILA, ILA
<b>Isotype :</b>	Mouse IgG1, Kappa
<b>Immunogen Information :</b>	A partial length recombinant protein of CD137 was used as the immunogen for this antibody.

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles

### Application Note

Western blot analysis: 4-6 µg/ml, Facs anaysis: 1-2 µg/10<sup>6</sup> Cells

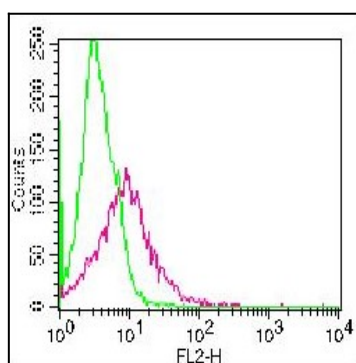


Figure-1: Cell surface staining of PHA stimulated PBMC. Green represents isotype control, red represents Anti-CD137 (10-7621). 1 µgantibody was used. Goat anti-mouse PE was used as secondary antibody.

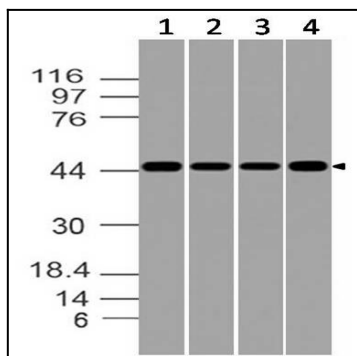


Figure-2: Western blot analysis of CD137. Anti- CD137 (Clone: ABM2B2.1A5) was tested at 4  $\mu$ g/ml on (1) Jurkat, (2) MOLT-4, (3) K562 and (4) HepG2 lysates.