

10-6014: Monoclonal Antibody to RANKL (Clone: ABM12D6)

Clonality :	Monoclonal
Clone Name :	ABM12D6
Application :	FACS, WB
Reactivity :	Human
Gene :	TNFSF11
Gene ID :	8600
Uniprot ID :	O14788
Format :	Purified
Alternative Name :	Tumor necrosis factor ligand superfamily member 11, Osteoclast differentiation factor, Osteoprotegerin ligand, Receptor activator of nuclear factor kappa-B ligand, TNF-related activation-induced cytokine, CD254
Isotype :	Mouse IgG1, Kappa
Immunogen Information :	Full length recombinant protein of RANKL was used as the immunogen for this antibody.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	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.
Storage condition :	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

WB: 2-4 µg/ml, FACS: 0.5-1 µg/10⁶

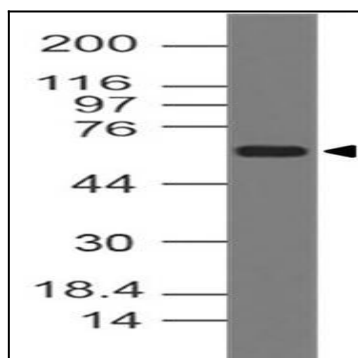


Fig-1: Western blot analysis of RANKL. Anti-RANKL antibody (Clone: ABM12D6) was used at 2 µg/ml on hHeart lysate.

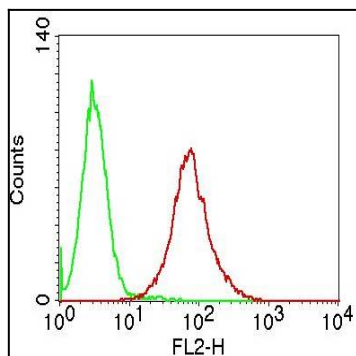


Fig-2: Intra cellular flow analysis of RANKL in Jurkat using 0.5 $\mu\text{g}/10^6$ cells of antibody (Clone: ABM12D6). Green represents isotype control; red represents anti-RANKL antibody. Goat anti-mouse PE conjugate was used as secondary antibody.

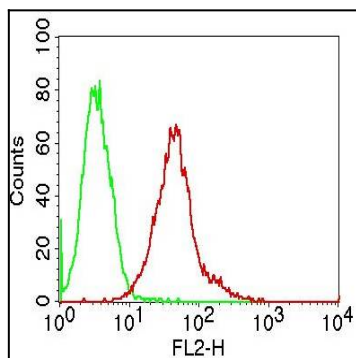


Fig-3: Intra cellular flow analysis of RANKL in HepG2 using 0.5 $\mu\text{g}/10^6$ cells of antibody (Clone: ABM12D6). Green represents isotype control; red represents anti-RANKL antibody. Goat anti-mouse PE conjugate was used as secondary antibody.