

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM12D6
<b>Application :</b>	FACS,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	TNFSF11
<b>Gene ID :</b>	8600
<b>Uniprot ID :</b>	O14788
<b>Format :</b>	Purified
<b>Alternative Name :</b>	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
<b>Isotype :</b>	Mouse IgG1, Kappa
<b>Immunogen Information :</b>	Full length recombinant protein of RANKL 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

WB: 2-4 µg/ml, FACS: 0.5-1 µg/10<sup>6</sup>

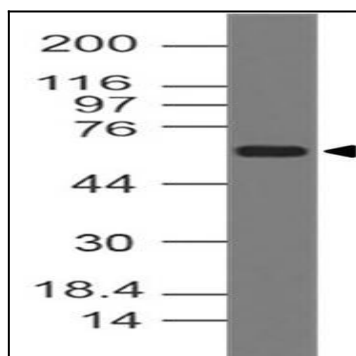


Fig-1: Western blot analysis of RANKL. Anti-RANKL antibody (Clone: ABM12D6) was used at 2 µg/ml on hHeart lysate.

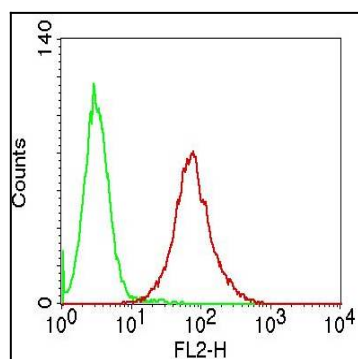


Fig-2: Intra cellular flow analysis of RANKL in Jurkat using 0.5  $\mu\text{g}/10^6$  cells of antibody (Clone: ABM12D6). Green represents isotype control; red represents anti-RANKL antibody. Goat anti-mouse PE conjugate was used as secondary antibody.

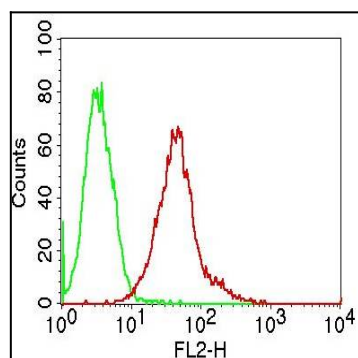


Fig-3: Intra cellular flow analysis of RANKL in HepG2 using 0.5  $\mu\text{g}/10^6$  cells of antibody (Clone: ABM12D6). Green represents isotype control; red represents anti-RANKL antibody. Goat anti-mouse PE conjugate was used as secondary antibody.