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10-6006: Monoclonal Antibody to RANKL (Clone: ABM10A7)

Clonality :	Monoclonal
Clone Name :	ABM10A7
Application :	FACS,WB
Reactivity :	Mouse,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,TRANCE,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/10^6

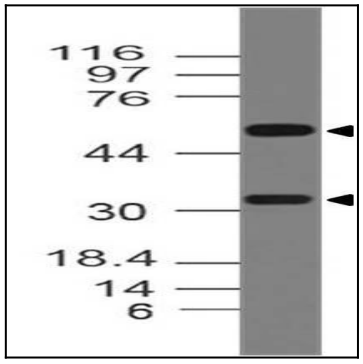

Fig-1: Western blot analysis of RANKL. Anti-RANKL antibody (Clone: ABM10A7) was used at 2 µg/ml on mPlacenta tissue lysate.

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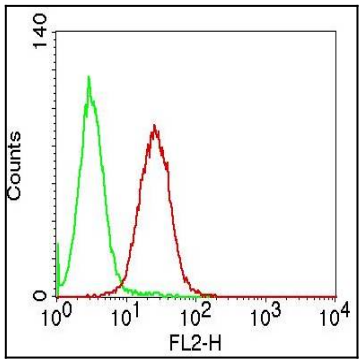

Fig-2: Intra cellular flow analysis of RANKL in Jurkat using 0.5 µg/10^6 cells of antibody (Clone: ABM10A7). Green represents isotype control; red represents anti-RANKL antibody. Goat anti-mouse PE conjugate was used as secondary antibody.

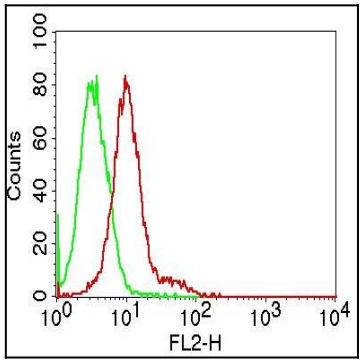

Fig-3: Intra cellular flow analysis of RANKL in HepG2 using 0.5 µg/10^6 cells of antibody (Clone: ABM10A7). Green represents isotype control; red represents anti-RANKL antibody. Goat anti-mouse PE conjugate was used as secondary antibody.