

Anti-RANK/TNFRSF11A Polyclonal Antibody

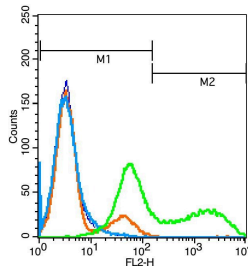
Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 66 kDa. Actual: 82-90 kDa.
Purification:	Protein A purified

Applications

Verified Activity:

Blank control (blue): Jurkat cells (fixed with 2% paraformaldehyde (10 min)). Primary Antibody: Rabbit Anti-RANK antibody (TMAB-01608), Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions; Secondary Antibody: Goat anti-rabbit IgG-Pe (white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.



Application:	FCM, ICC/IF
Recommended	FCM=1 µg/Test; ICC/IF=1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human RANK
Antigen Species:	Human
Gene ID:	8792
Uniprot ID:	Q9Y6Q6
Synonyms:	NFKB;NF-KB;OSTS;OPTB7;ODFR;LOH18CR1;TRANCER;PDB2;Rank;CD265;FEO;Receptor activator of NF-KB;TNFRSF11A

Research Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus. [provided by RefSeq, Aug 2012]

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