

For Research Use Only

RANK/TNFRSF11A Polyclonal antibody

Catalog Number:55293-1-AP



Basic Information

Catalog Number: 55293-1-AP	GenBank Accession Number: NM_003839	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 ug/ml by Nanodrop;	GeneID (NCBI): 8792	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9Y6Q6	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 11a, NFKB activator	
	Calculated MW: 66 kDa	
	Observed MW: 80-90 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MJ cells,
Species Specificity: human	

Background Information

Tumor necrosis factor receptor superfamily member 11A (TNFRSF11A, also known as RANK, CD265, and ODFR) is the signaling receptor essential for osteoclast differentiation factor-mediated osteoclastogenesis and is involved in the regulation of interactions between T-cells and dendritic cells (PMID: 9878548). The RANK/RANKL/OPG system is a key regulator in bone resorption, and its dysregulation can lead to pathological bone loss (PMID: 37893470).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

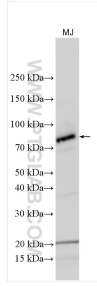
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55293-1-AP (RANK antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.