

## RANK Rabbit pAb

Catalog Number: bs-2695R

Target Protein: RANK

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: Flow-Cyt (1µg /test)

Reactivity: Human (predicted:Mouse, Rat)

Predicted MW: 66 kDa

Detected MW: 82-90 kDa

Entrez Gene: 8792

Swiss Prot: Q9Y6Q6

Source: KLH conjugated synthetic peptide derived from human RANK: 51-150/616.

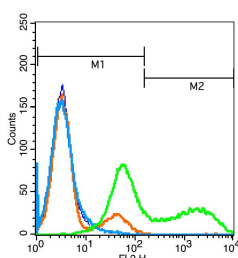
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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]

### VALIDATION IMAGES



Blank control(blue):Jurkat cells (fixed with 2% paraformaldehyde (10 min)). Primary Antibody:Rabbit Anti-RANK antibody(bs-2695R), Dilution: 1µg 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.

## PRODUCT SPECIFIC PUBLICATIONS

---

**[IF=12.441]** Gao FP et al. Au Clusters Treat Rheumatoid Arthritis with Uniquely Reversing Cartilage/Bone Destruction. *Adv. Sci.* 2019, 1801671. IHC ; Rat . 10.1002/advs.201801671

**[IF=9]** Zhang Ying. et al. Clinical-mediated discovery of pyroptosis in CD8+ T cell and NK cell reveals melanoma heterogeneity by single-cell and bulk sequence. *CELL DEATH DIS.* 2023 Aug;14(8):1-14 IHC ; Human . 37620327

**[IF=8.2]** Dating Pei. et al. Modulation of macrophage polarization by secondary cross-linked hyaluronan-dopamine hydrogels. *INT J BIOL MACROMOL.* 2024 Jun;270:132417 WB ; Mouse . 38759857

**[IF=5.923]** Nanami Nakamura. et al. Possible Action of Olaparib for Preventing Invasion of Oral Squamous Cell Carcinoma In Vitro and In Vivo. *Int J Mol Sci.* 2022 Jan;23(5):2527 WB ; Mouse . 10.3390/ijms23052527

**[IF=4.825]** Li L et al. Janus kinase inhibitor ruxolitinib blocks thymic regeneration after acute thymus injury. *Biochem Pharmacol.* 2019 Nov 11;171:113712. IF,ICC ; Mouse . 31726048