

bs-2695R**[Primary Antibody]****RANK Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

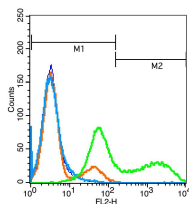
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 8792 Target: RANK Immunogen: KLH conjugated synthetic peptide derived from human RANK: 51-150/616. Purification: affinity purified by Protein A Concentration: 1mg/ml 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]	Isotype: IgG SWISS: Q9Y6Q6	Applications: Flow-Cyt (1µg /test) Reactivity: Human (predicted: Mouse, Rat) Predicted MW.: 66 kDa Subcellular Location: Cell membrane
---	---	---

— 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.

— SELECTED CITATIONS —

- **[IF=14.7]** Yajie Qian. et al.FTO-associated osteoclastogenesis promotes alveolar bone resorption in apical periodontitis male rat via the HK1/USP14/RANK pathway.NATURE COMMUNICATIONS.2025 Feb 11;16(1):1519. Western blot,IF ;Rat. 39934129
- **[IF=12.441]** Gao FP et al. Au Clusters Treat Rheumatoid Arthritis with Uniquely Reversing Cartilage/Bone Destruction.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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