

Anti-RANK/TNFRSF11A Antibody

Catalog Number: PA1382

About TNFRSF11A

Receptor Activator of Nuclear Factor K B (RANK), also known as TRANCE Receptor, is a type I membrane protein that is expressed on the surface of osteoclasts and is involved in their activation upon ligand binding. RANK is also expressed on dendritic cells and facilitates immune signaling. RANKL (Receptor Activator for Nuclear Factor K B Ligand) is found on the surface of stromal cells, osteoblasts, and T cells. By analysis of somatic cell and radiation hybrid panels, Anderson et al. (1997) mapped the RANK gene to 18q22.1.

Overview

Product Name	Anti-RANK/TNFRSF11A Antibody
Reactive Species	Human
Description	Boster Bio Anti-RANK/TNFRSF11A Antibody catalog # PA1382. Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y6Q6

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human RANK.
Predicted Reactive Species	Horse, Monkey
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

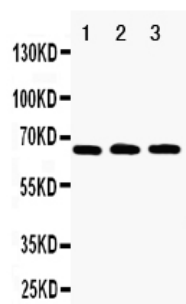
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

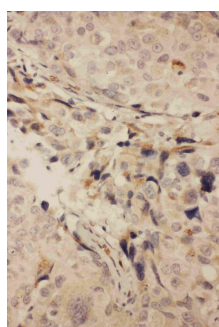
Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, By Heat

Western blot, 0.1-0.5ug/ml, Human

Anti-RANK/TNFRSF11A Antibody (PA1382) Images



Anti-RANK antibody, PA1382, Western blotting
Lane 1: Recombinant Human RANK Protein 10ng
Lane 2: Recombinant Human RANK Protein 5ng
Lane 3: Recombinant Human RANK Protein 2.5ng



Anti-RANK antibody, PA1382, IHC(P)
IHC(P): Human Mammary Cancer Tissue

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