

PRODUCT DATA SHEET

sRANK (soluble RANK Receptor) Human, Rabbit Polyclonal Antibody

Cat. No.: RD181077100**Size:** 0.1 mg**Source of Antigen:** E. coli**Type:** Polyclonal Antibody**Host:** Rabbit**Other Names:**

Receptor Activator for Nuclear Factor κ B Ligand, osteoprotegerin ligand, TNF-related activation-induced cytokine, soluble Receptor Activator of NF κ B Ligand, TNFSF11, TRANCE (TNF-related activation-induced cytokine), OPGL, ODF (Osteoclast differentiation factor)

Preparation:

The antibody was raised in rabbits by immunization with the recombinant Human RANK.

Amino Acid Sequence of Immunogen:

The immunization antigen (19.3 kDa) is a protein containing 175 amino acid residues, comprising of the full-length of the TNF receptor-like extracellular domain of RANK receptor.

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human RANK.

Species Reactivity:

Human. Not yet tested in other species.

Antibody Content:

0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2.

Reconstitution:

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

Western blotting

Note:

This product is for research use only.