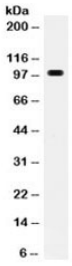
RANK Antibody (R31815)

Catalog No.	Formulation	Size
R31815	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	O35305
Applications	Western blot: 0.1-0.5ug/ml ELISA: 0.1-0.5ug/ml (mouse protein tested); request BSA-free format for coating
Limitations	This RANK antibody is available for research use only.



Western blot testing of mouse Hepa1-6 cell lysate with RANK antibody. Predicted molecular weight ~66 kDa, routinely observed at 80~100 kDa.

Description

Receptor Activator of NFkB (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 NFkB 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.

Application Notes

Optimal dilution of the RANK antibody should be determined by the researcher.

Immunogen

Amino acids 35-214 of mouse RANK were used as the immunogen for the RANK antibody.

Storage

After reconstitution, the RANK antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.