

Mouse Anti-Rat Receptor Activator of Nuclear Factor Kappa B Ligand (RANKL) Monoclonal Antibody

Cat. No.: VD2N245

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic mouse monoclonal antibody is specific for rat receptor activator of nuclear factor kappa b ligand. It is affinity purified by protein A and protein G. It can be applied to WB, IHC, ICC and IP assays of rat receptor activator of nuclear factor kappa b ligand.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Monoclonal
Classification	Primary Antibody
Clone	A22N16
Host	Mouse
Target Species	Rat
Species Reactivity	Rat
Specificity	Rat Receptor Activator of Nuclear Factor Kappa B Ligand
Isotype	IgG2
Immunogen	Recombinant protein of rat receptor activator of nuclear factor kappa b ligand
Purification	Purified by Protein A and Protein G
Concentration	1 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Rat Receptor Activator of Nuclear Factor Kappa B Ligand (RANKL) is a cytokine that plays a crucial role in the regulation of bone remodeling and immune responses. It binds to its receptor, RANK, on osteoclasts and their precursors, promoting osteoclast differentiation and activation. RANKL is also involved in lymph node development and the regulation of immune cell functions. In rats, this ligand is essential for maintaining bone homeostasis and supporting immune system development.

Target	Rat Receptor Activator of Nuclear Factor Kappa B Ligand
Target Synonym	CD254; TNFSF11; ODF; OPGL; TRANCE; HRANKL2; SODf; Tumor Necrosis Factor(ligand)superfamily Member 11; TNF-related activation-induced cytokine
Gene ID	117516
UniProt ID	Q9ESE2

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.