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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-RANK-L [2A4] Standard Size Ab04161-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted mouse IgG2a Fc Silent™ antibody, based on the original mouse IgG2a format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, [Fc Silent™](#), Kappa

Clone Number: 2A4

Alternative Name(s) of Target: CD254; TRANCE; RANKL; PAE30; ODF; OPGL; Tumor necrosis factor ligand superfamily member 11; Osteoclast differentiation factor; Osteoprotegerin ligand; Receptor activator of nuclear factor kappa-B ligand; TNF-related activation-induced cytokine

UniProt Accession Number of Target Protein: O14788

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing CB6 f1 mice with human RANKL protein.

Specificity: The antibody is specific for human-RANK-L. RANKL is a tumor necrosis factor related protein that binds to, and activates, the TNF receptor related protein Receptor Activator of NF-κB (RANK). RANKL acts as the key cytokine that regulates osteoclast differentiation and activation during normal bone remodeling and during disease

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis (IC50 = 2 nM). The original format of the antibody blocked the maturation of cells treated with sRANKL, the antibody specifically inhibits the functional activity of RANKL induction of dendritic cells maturation. The original format of the antibody promoted the inhibition of human sRANKL-stimulated bone marrow murine osteoclastogenesis in cell culture. These results showed that the original format of the antibody is a potent inhibitor of the interaction between human RANKL and its receptor RANK (US20030215450A1).

Antibody First Published in: [PMID:](#)

Note on publication:

Product Form

Size: 100 µg Purified antibody.

Purification:

Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.