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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-RANK-L [14F3] Bulk Size Ab04138-10.3-BT

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 human IgG1 Fc Silent Fc Silent™ antibody, based on the original human IgG2a format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: 14F3

Alternative Name(s) of Target: CD254; TRANCE; RANKL; 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): inhibition, ELISA

Published Species Reactivity: Human

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

Specificity: The antibody is specific for human-RANK-L. It does not recognize murine RANK-L. RANKL is a tumor necrosis factor (TNF)-related protein that binds to, and activates, the TNF receptor (TNFR)-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 version of the antibody was confirmed by ELISA analysis (IC50 = 2 nM). The antibody specifically inhibits the functional activity of RANKL induction of DC maturation. The antibody could strongly inhibit the interaction between human RANKL and its receptor RANK in human monocytes. The inhibition led to antagonism of RANKL-mediated DC maturation and osteoclast development and function (US20040213788).

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

Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In:

PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.