



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-RANK-L [WBP114\_7.80] Bulk Size Ab04163-10.3-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 IgG2b format, created for improved compatibility with existing reagents, assays and techniques.

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

**Clone Number:** WBP114\_7.80

**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):** inhibition, SPR, ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing Balb/c 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-kB (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 to human RANKL was confirmed by ELISA analysis (EC50= 0.12 nM). The antibody could block the RANKL binding to RANK (IC50 = 0.22 nM). The original format of the antibody could inhibit the RANKL-inducible luciferase activity (IC50 = 1.04 nM). The binding affinity of the original format of the antibody to RANKL was measured by surface plasmon resonance (Kd= 60 pM) (WO2019080909).

**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.