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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

Anti-RANK-L [3K7F5] Standard Size Ab04140-10.0

Isotype and Format: Human IgG1, Kappa
Clone Number: 3K7F5
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): in vivo
Published Species Reactivity: Human
Immunogen: The original antibody was generated by panning a phage display library against human sRANKL.
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 affinity of the original format of the antibody is 0.17x 10-12 nM, as measured by PAE technology. RAW264.7, a murine macrophage cell line that can be induced by RANKL to differentiate into osteoclast-like cells, was used in a TRAP test. In the TRAP test, the original antibody or the Fab fragment were able to neutralize the stimulating effect of RANKL on osteoclast formation from a RAW 264.7 culture. Further, the addition of the original format of the antibody or the Fab fragment inhibited osteoclast differentiation of the RAW cell in a dose-dependent manner. The affinity of the original format and the Fab fragment of the antibody was measured by the Scatchard method (affinity = 8.7 and 6.5 pM). The original antibody and the Fab fragment could significantly increase the bone densities and bone calcium content in a dose-dependent manner, in in vivo experiments (WO2011116527A1).
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^{0}C for up to 3 months. For longer storage, aliquot and store at -

20^{o}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.