Cat. No. DMC100267B



## **PRODUCT INFORMATION**

Clone ID **DMC267 Target** TNFSF11

CD254; hRANKL2; ODF; OPGL; OPTB2; RANKL; **Synonyms** 

sOdf; TNLG6B; TRANCE

**Host Species** 

Biotinylated Anti-TNFSF11 antibody(DMC267); IgG1 Chimeric mAb **Description** 

Delivery 2-3 weeks **Uniprot ID** 014788

IgG type Rabbit/Human Fc chimeric IgG1

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended **Dilutions** 

Background

Usage

Flow Cyt 1:100

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the tumor necrosis factor (TNF) cytokine family which is a ligand for osteoprotegerin and functions as a key factor for osteoclast differentiation and activation. This protein was shown to be a dentritic cell survival factor and is involved in the regulation of T cell-dependent immune response. T cell activation was reported to induce expression of

this gene and lead to an increase of

osteoclastogenesis and bone loss. This protein was shown to activate antiapoptotic kinase AKT:PKB through a signaling complex involving SRC kinase and tumor necrosis factor receptor-associated factor (TRAF) 6; which indicated this protein may have a role in the regulation of cell apoptosis. Targeted disruption of the related gene in mice led to severe osteopetrosis and a lack of osteoclasts. The deficient mice exhibited defects in early differentiation of T and B lymphocytes; and failed to form lobulo-alveolar mammary

structures during pregnancy. Two alternatively spliced transcript variants have been found. Research use only

Conjugate Biotinylated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

> > Website: www.dimabio.com

actively scr

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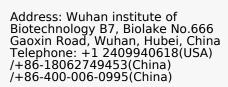
**DIMA Disclaimer** 



Biotinylated Anti-TNFSF11 antibody(DMC267); IgG1 Chimeric mAb

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