

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**

Flow Cyt 1:100

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

chromatography

Formulation & Reconstitution

Background

Storage & Shipping

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

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

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.

Usage 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

actively scrutinizing all patent application to ensure no IP infringement.

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DIMA Disclaimer

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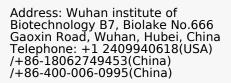
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Biotinylated Anti-TNFSF11 antibody(DMC267); IgG1 Chimeric mAb

Cat. No. DMC100267B





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