

Anti-Osteoprotegerin Rabbit Monoclonal Antibody

Catalog # ABO16134

Specification

Anti-Osteoprotegerin Rabbit Monoclonal Antibody - Product Information

Application IHC, IF, ICC Primary Accession O00300

Host Rabbit Isotype IgG

Reactivity Human Clonality Monoclonal Format Liquid

Description

Anti-Osteoprotegerin Rabbit Monoclonal Antibody . Tested in IHC, ICC/IF applications. This antibody reacts with Human.

Anti-Osteoprotegerin Rabbit Monoclonal Antibody - Additional Information

Gene ID 4982

Other Names

Tumor necrosis factor receptor superfamily member 11B, Osteoclastogenesis inhibitory factor, Osteoprotegerin, TNFRSF11B, OCIF, OPG

Application Details

IHC 1:50-1:200 < br > ICC/IF 1:50-1:200

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Osteoprotegerin

Purification

Affinity-chromatography

Storage Store at -20°C for one year. For short term

storage and frequent use, store at 4°C for

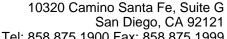
up to one month. Avoid repeated

freeze-thaw cycles.

Anti-Osteoprotegerin Rabbit Monoclonal Antibody - Protein Information

Name TNFRSF11B

Synonyms OCIF, OPG





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Function

Acts as a decoy receptor for TNFSF11/RANKL and thereby neutralizes its function in osteoclastogenesis. Inhibits the activation of osteoclasts and promotes osteoclast apoptosis in vitro. Bone homeostasis seems to depend on the local ratio between TNFSF11 and TNFRSF11B. May also play a role in preventing arterial calcification. May act as decoy receptor for TNFSF10/TRAIL and protect against apoptosis. TNFSF10/TRAIL binding blocks the inhibition of osteoclastogenesis.

Cellular Location Secreted.

Tissue Location

Highly expressed in adult lung, heart, kidney, liver, spleen, thymus, prostate, ovary, small intestine, thyroid, lymph node, trachea, adrenal gland, testis, and bone marrow. Detected at very low levels in brain, placenta and skeletal muscle. Highly expressed in fetal kidney, liver and lung

Anti-Osteoprotegerin Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Osteoprotegerin Rabbit Monoclonal Antibody - Images