

**Anti-Osteoprotegerin Rabbit Monoclonal Antibody**  
**Catalog # ABO16134****Specification**

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**Anti-Osteoprotegerin Rabbit Monoclonal Antibody - Product Information**

Application	IHC, IF, ICC
Primary Accession	<a href="#">O00300</a>
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

**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 Cytometry](#)
- [Cell Culture](#)

**Anti-Osteoprotegerin Rabbit Monoclonal Antibody - Images**