

Osteoprotegerin Rabbit mAb
Catalog # AP78757

Specification

Osteoprotegerin Rabbit mAb - Product Information

Application	IHC-P, ICC
Primary Accession	O00300
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	46026

Osteoprotegerin Rabbit mAb - Additional Information

Gene ID 4982

Other Names
TNFRSF11B

Format
Liquid

Osteoprotegerin Rabbit mAb - 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

Osteoprotegerin Rabbit mAb - 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](#)

Osteoprotegerin Rabbit mAb - Images