

Osteoprotegerin Rabbit mAb

Catalog No: #56962

Package Size: #56962-1 50ul #56962-2 100ul

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Description

Product Name	Osteoprotegerin Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	IHC ICC/IF
Species Reactivity	Human
Specificity	Osteoprotegerin Antibody detects endogenous levels of total Osteoprotegerin
Immunogen Description	A synthesized peptide derived from human Osteoprotegerin
Other Names	OCIF; OPG; Osteoclastogenesis inhibitory factor; Osteoprotegerin; PDB5; TNFRSF11B; TR1;
Accession No.	Uniprot:O00300
Calculated MW	kDa
Storage	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

IHC:1:50~1:200ICC/IF:1:50~1:200

Product Description

Acts as decoy receptor for 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 RANKL/OPG ratio. May also play a role in preventing arterial calcification. May act as decoy receptor for TRAIL and protect against apoptosis. TRAIL binding blocks the inhibition of osteoclastogenesis.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.