



Osteoprotegerin Rabbit pAb

Catalog No	YP-Ab-13649-1
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB,IHC-P
Gene Name	TNFRSF11B
Clonality	Polyclonal Antibody
Immunogen	Fusion protein of human TNFRSF11B Purification Affinity Purified Conjugation Unconjugated Modification Unmodified Form Liquid
Dilution	WB: 1/500-1/1000 IHC: 1/50-1/100
Research Field	Cardiovascular
Product Categories	Primary antibody
Host	Rabbit
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms	Tnfrsf11b;OCIF;Opg;Osteoprotegerin;PDB5;Tumor necrosis factor receptor superfamily member 11B;Osteoclastogenesis inhibitory factor
Molecular Weight	Calculated MW: 46 kDa; Observed MW: 46 kDa
Buffer System	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest that this protein and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined.
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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