



Osteoprotegerin mouse mAb

Catalog No	YP-mAb-13649-1
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TNFRSF11B
Immunogen	Fusion protein of human TNFRSF11B Purification Affinity Purified Conjugation Unconjugated Modification Unmodified Form Liquid
Specificity	
Formulation	
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Tnfrsf11b;OCIF;Opg;Osteoprotegerin;PDB5;Tumor necrosis factor receptor superfamily member 11B;Osteoclastogenesis inhibitory factor
Observed Band	Calculated MW: 46 kDa; Observed MW: 46 kDa
Calculated Molecular Weight	Calculated MW: 46 kDa; Observed MW: 46 kDa
Cell Pathway	
Tissue Specificity	
Function	
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.

Products Images