

Product Name: Osteoprotegerin Rabbit Monoclonal Antibody**Catalog #: AMRe86262**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	IHC, ICC/IF
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:100-1:200, ICC/IF 1:100-1:200
Molecular Weight	Calculated MW:46 kDa; Observed MW:

Antigen Information

Gene Name	Osteoprotegerin
Alternative Names	OPG; TR1; OCIF; PDB5
Gene ID	4982
SwissProt ID	O00300
Immunogen	A synthetic peptide of human Osteoprotegerin

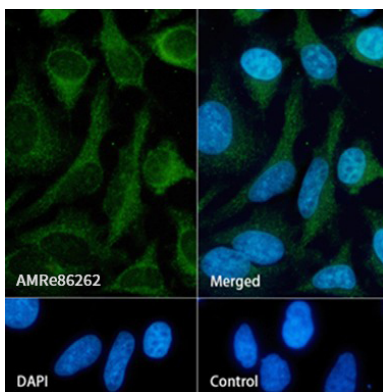
Background

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. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Immunofluorescence analysis of HeLa cells labelling Osteoprotegerin with Osteoprotegerin Rabbit Monoclonal Antibody.