

OPG Polyclonal Antibody

Cat #: ABP52083

Size: 30µl /100µl /200µl

Product Information

	Product Name: OPG Polyclonal Antibody		
	Applications: WB, IHC-P, IF, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse		
REF	Catalog Number: ABP52083	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: TNF receptor superfamily member 11b encoded by TNFRSF11B is a member of the TNF-receptor superfamily. TNF receptor superfamily member 11b is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. TNF receptor superfamily member 11b 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 TNF receptor superfamily member 11b and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of TNFRSF11B have been reported, but their full length nature has not been determined.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IF (1:200-1:1000), ELISA (1:10000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

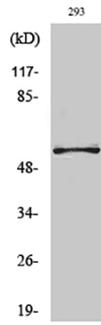


Fig.1. Western Blot analysis of various cells using OPG Polyclonal Antibody diluted at 1:1000.

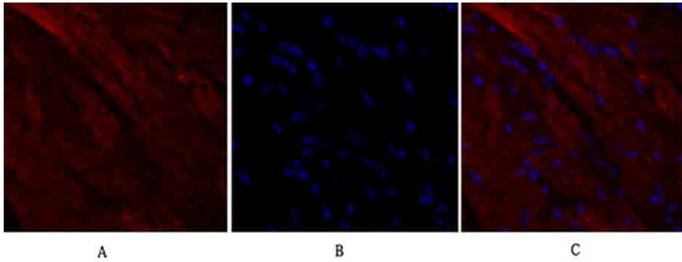


Fig.2. Immunofluorescence analysis of mouse heart tissue. 1, OPG Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 Labeled secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B.

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