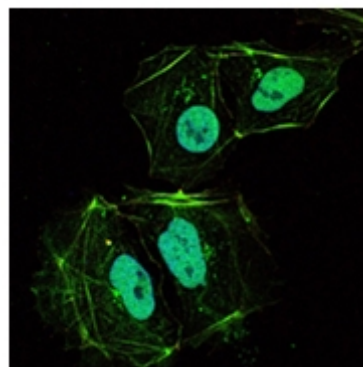


AM06539SU-N**Monoclonal Antibody to Osteoprotegerin / TNFRSF11B - Ascites**

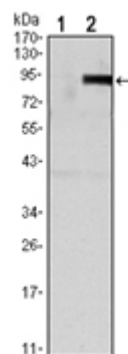
Alternate names:	OCIF, OPG, Osteoclastogenesis inhibitory factor, Tumor necrosis factor receptor superfamily member 11B
Quantity:	0.1 ml
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a 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.
Uniprot ID:	O00300
NCBI:	NP_002537.3
GeneID:	4982
Host / Isotype:	Mouse / IgG1
Clone:	5G2
Immunogen:	Purified recombinant fragment of Human TNFRSF11B expressed in E. Coli.
Format:	State: Ascitic fluid containing 0.03% Sodium Azide.
Applications:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. Flow Cytometry: 1/200 - 1/400. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	60 kDa
Specificity:	Recognizes Osteoprotegerin / TNFRSF11B
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Am J Hypertens. 2009 Nov;22(11):1167-70. 2. Am J Hum Genet. 2009 Nov;85(5):628-42.

Pictures:

Immunofluorescence analysis of HL-60 cells using TNFRSF11B antibody Cat.-No AM06539SU-N (green). Blue: DRAQ5 fluorescent DNA dye.



Western blot analysis using TNFRSF11B antibody Cat.-No AM06539SU-N against HEK293 (1) and TNFRSF11B (AA: 22-401)-hIgGfc transfected HEK293 (2) cell lysate.



Flow Cytometric analysis of HL-60 cells using TNFRSF11B antibody Cat.-No AM06539SU-N (green) and negative control (purple).

