

Product Name: TNFRSF11B Mouse Monoclonal Antibody**Catalog #: AMM80912**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	60kDa

Antigen Information

Gene Name	TNFRSF11B
Alternative Names	OPG; TR1; OCIF; MGC29565; TNFRSF11B
Gene ID	4982.0
SwissProt ID	O00300
Immunogen	Purified recombinant fragment of human TNFRSF11B expressed in E. Coli.

Background

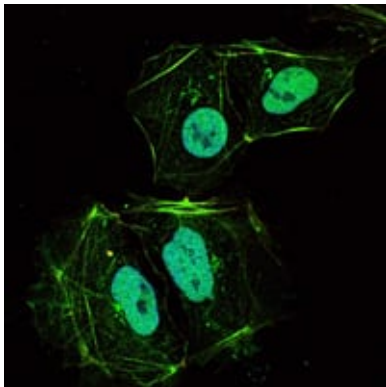
The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular regulators 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.

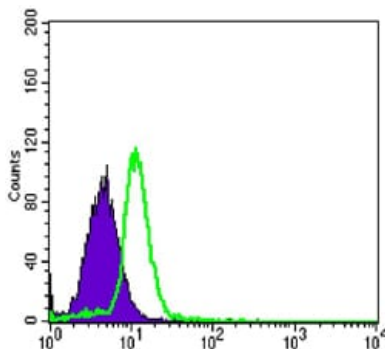
Research Area

Apoptosis

Image Data



Immunofluorescence analysis of HL-60 cells using TNFRSF11B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HL-60 cells using TNFRSF11B mouse mAb (green) and negative control (purple).