

Product Name: TNFRSF11A Mouse Monoclonal Antibody**Catalog #: AMM82857**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human, Mouse, Rat
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	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	66kDa

Antigen Information

Gene Name	TNFRSF11A
Alternative Names	FEO; OFE; ODFR; OST5; PDB2; RANK; CD265; OPTB7; TRANCER; LOH18CR1; TRANCE-R
Gene ID	8792.0
SwissProt ID	Q9Y6Q6
Immunogen	Purified recombinant fragment of human TNFRSF11A (AA: extra 30-212) expressed in E. Coli.

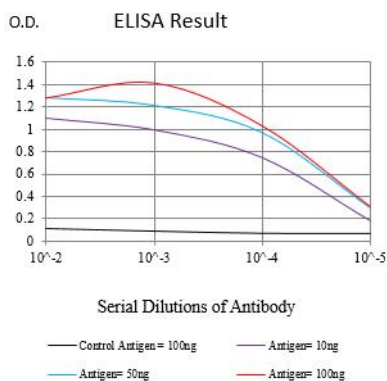
Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for

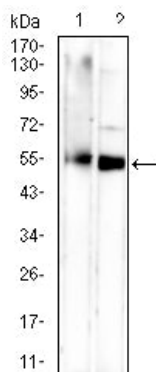
osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus.

Research Area

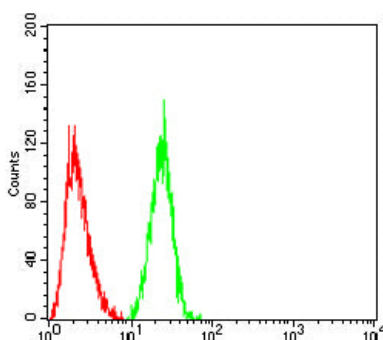
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using TNFRSF11A mouse mAb against Mouse kindey (1) and Rat kindey (2) cell lysate.



Flow cytometric analysis of HL-60 cells using TNFRSF11A mouse mAb (green) and negative control (red).