

TNFRSF11A monoclonal antibody, clone 64C1385.1

Catalog # MAB0091

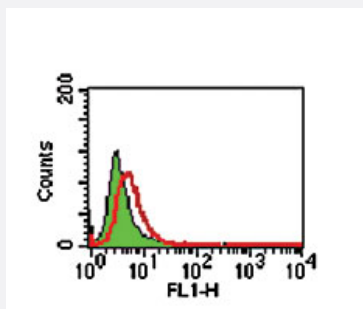
Size 100 ug

Applications



Immunoprecipitation

Detection of RANK in RAW cells. Lane 1. Western blot detection of RANK in RAW, a mouse cell line. Lane 2 & 3. IP/Western blot analysis of RANK. RANK protein from RAW cell lysate was immunoprecipitated either with control antibody (lane 2) or TNFRSF11A monoclonal antibody, clone 64C1385.1 (Cat # MAB0091) (lane 3), the immunoprecipitated proteins were resolved on SDS-PAGE. RANK was detected by western blot using TNFRSF11A monoclonal antibody, clone 64C1385.1 (Cat # MAB0091).



Flow Cytometry

Flow cytometry analysis of TNFRSF11A using TNFRSF11A monoclonal antibody, clone 64C1385.1 (Cat # MAB0091) at 5 ug/10⁶ RAW cells.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant TNFRSF11A.
Immunogen	Recombinant protein corresponding to extracellular region of human RANK.
Host	Mouse
Reactivity	Human, Mouse
Form	Liquid
Isotype	IgG1

Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Immunoprecipitation

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- Flow Cytometry

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Gene Info — TNFRSF11A

Entrez GeneID	8792
Gene Name	TNFRSF11A
Gene Alias	CD265, FEO, LOH18CR1, ODFR, OFE, OPTB7, OSTs, PDB2, RANK, TRANCER
Gene Description	tumor necrosis factor receptor superfamily, member 11a, NFkB activator
Omim ID	174810 602080 603499
Gene Ontology	Hyperlink
Gene Summary	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. Studies of the mouse counterpart suggest that this receptor directly mediates the osteoprotegerin ligand (OPGL)-induced osteoclastogenesis in osteoclast precursor cells. [provided by RefSeq]

Other Designations

loss of heterozygosity, 18, chromosomal region 1|osteoclast differentiation factor receptor|receptor activator of nuclear factor-kappa B|tumor necrosis factor receptor superfamily, member 11a|tumor necrosis factor receptor superfamily, member 11a, activated

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Acute Disease](#)
- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Bone Diseases](#)
- [Bone Resorption](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)

- [Osteitis Deformans](#)
- [Osteoporosis](#)
- [Periodontitis](#)
- [Prosthesis Failure](#)
- [Scoliosis](#)
- [Wounds and Injuries](#)