

TNFRSF11A monoclonal antibody (M03), clone 5A9

Catalog # H00008792-M03

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TNFRSF11A.
Immunogen	TNFRSF11A (NP_003830.1, 30 a.a. ~ 212 a.a) partial recombinant protein.
Sequence	IAPPCTSEKHYEHLGRCCNKCEPGKYMSSKCTTTSDSVCLPCGPDEYLDWNEEDKCLLHKVC DTGKALVAVVAGNSTTPRRCACTAGYHWSQDCECCRRNTECAPGLGAQHPLQLNKD TVCKPCL AGYFSDAFSSTDKCRPWTNCTFLGKRVEHHGTEKSDAVCSSSLPARKPPNEPHVYLP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (80)
Isotype	IgG2b Lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — TNFRSF11A

Entrez GeneID	8792
GeneBank Accession#	NM_003839.2

Protein Accession#	NP_003830.1
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, activator

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](#)