

# TNFRSF11A monoclonal antibody (M09), clone 8H8

Catalog # H00008792-M09

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<br>DTGKALVAVVAGNSTTPRRCACTAGYHWSQDCECCRRNTECAPGLGAQHPLQLNKDTVCKPCL<br>AGYFSDAFSSTDKCRPWTNCTFLGKRVEHHGTEKSDAVCSSSLPARKPPNEPHVYLP |
| Host                          | Mouse                                                                                                                                                                                          |
| Reactivity                    | Human                                                                                                                                                                                          |
| Interspecies Antigen Sequence | Mouse (79); Rat (80)                                                                                                                                                                           |
| Isotype                       | IgG2a Kappa                                                                                                                                                                                    |
| 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       | <a href="#">8792</a>        |
| GeneBank Accession# | <a href="#">NM_003839.2</a> |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Accession# | <a href="#">NP_003830.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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            | <a href="#">174810 602080 603499</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Summary       | The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptors c an 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 interact ion 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 recepto r activator of nuclear factor-kappa B tumor necrosis factor receptor superfamily, member 11a tum or necrosis factor receptor superfamily, member 11a, activat                                                                                                                                                                                                                                                                                                                                                                  |

## 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](#)