

TNFRSF11A / RANK Antibody (aa326-616, clone 9A725)
Mouse Monoclonal Antibody
Catalog # ALS12117**Specification**

TNFRSF11A / RANK Antibody (aa326-616, clone 9A725) - Product Information

Application	WB, IHC
Primary Accession	O9Y6Q6
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	66kDa KDa

TNFRSF11A / RANK Antibody (aa326-616, clone 9A725) - Additional Information**Gene ID** 8792**Other Names**

Tumor necrosis factor receptor superfamily member 11A, Osteoclast differentiation factor receptor, ODFR, Receptor activator of NF-KB, CD265, TNFRSF11A, RANK

Target/Specificity

A fusion protein containing amino acid residues 326-616 of human RANK was used as immunogen. This antibody recognizes an epitope located between amino acid residues 330-427 of human RANK.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

TNFRSF11A / RANK Antibody (aa326-616, clone 9A725) is for research use only and not for use in diagnostic or therapeutic procedures.

TNFRSF11A / RANK Antibody (aa326-616, clone 9A725) - Protein Information**Name** TNFRSF11A**Synonyms** RANK**Function**

Receptor for TNFSF11/RANKL/TRANSC/OPGL; essential for RANKL- mediated osteoclastogenesis (PubMed:9878548). Its interaction with EEIG1 promotes osteoclastogenesis via facilitating the transcription of NFATC1 and activation of PLCG2 (By similarity). Involved in the regulation of interactions between T-cells and dendritic cells (By similarity).

Cellular Location

[Isoform 1]: Cell membrane; Single-pass type I membrane protein. Membrane raft

{ECO:0000250|UniProtKB:O35305}

Tissue Location

Ubiquitous expression with high levels in skeletal muscle, thymus, liver, colon, small intestine and adrenal gland

TNFRSF11A / RANK Antibody (aa326-616, clone 9A725) - Protocols

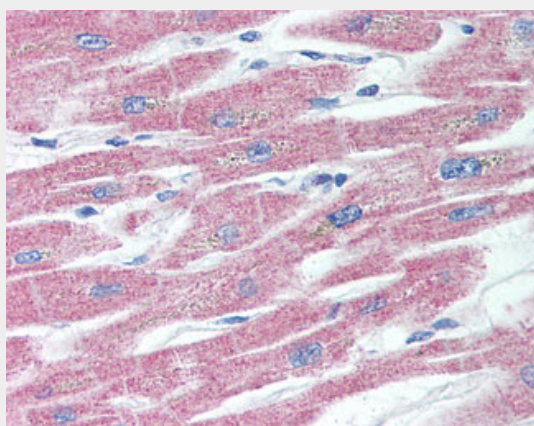
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNFRSF11A / RANK Antibody (aa326-616, clone 9A725) - Images



Western blot of RANK in 293 cells transfected with RANK cDNA.



Anti-TNFRSF11A / RANK antibody IHC of human heart.

TNFRSF11A / RANK Antibody (aa326-616, clone 9A725) - Background

Receptor for TNFSF11/RANKL/TRANCE/OPGL; essential for RANKL-mediated osteoclastogenesis. Involved in the regulation of interactions between T-cells and dendritic cells.

TNFRSF11A / RANK Antibody (aa326-616, clone 9A725) - References

Anderson D.M.,et al.Nature 390:175-179(1997).
Sirinian C.,et al.Gene 525:124-129(2013).
Papanastasiou A.D.,et al.Submitted (JUN-2012) to the EMBL/GenBank/DDBJ databases.
Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.
Nakagawa N.,et al.Biochem. Biophys. Res. Commun. 253:395-400(1998).