

## ARG43179 anti-RANK antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes RANK
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RANK
Species	Human
Immunogen	Synthetic peptide derived from Human RANK.
Conjugation	Un-conjugated
Alternate Names	ODFR; Osteoclast differentiation factor receptor; OFE; FEO; CD265; PDB2; CD antigen CD265; RANK; Receptor activator of NF-KB; OPTB7; Tumor necrosis factor receptor superfamily member 11A; TRANCER; LOH18CR1; OST5

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human fetal liver	
Observed Size	~ 77 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

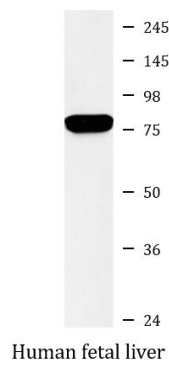
## Bioinformation

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Gene Symbol	TNFRSF11A
Gene Full Name	tumor necrosis factor receptor superfamily, member 11a, NFkB activator
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. [provided by RefSeq, Aug 2012]
Function	Receptor for TNFSF11/RANKL/TRANCE/OPGL; essential for RANKL-mediated osteoclastogenesis. Involved in the regulation of interactions between T-cells and dendritic cells. [UniProt]
Calculated Mw	66 kDa
Cellular Localization	Isoform 1: Cell membrane; Single-pass type I membrane protein. Isoform RANK-e5a: Cell membrane; Single-pass type I membrane protein. [UniProt]

## Images

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ARG43179 anti-RANK antibody WB image

Western blot: Human fetal liver lysate stained with ARG43179 anti-RANK antibody.