

ARG66061 anti-RANK Receptor antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RANK Receptor
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RANK Receptor
Species	Human
Immunogen	E. coli derived recombinant Human RANK Receptor. (MQIAPPCTSE KHYEHLGRCC NKCEPGKYMS SKCTTTSDSV CLPCGPDEYL DSWNEEDKCL LHKVCDTGKA LVAVVAGNST TPRRCCTAG YHWSQDCECC RRNTECAPGL GAQHPLQLNK DTVCKPCLAG YFSDAFSSTD KCRPWTNCTF LGKRVEHHGT EKSDAVCSSS LPARK)
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
	IHC-P	1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in Sodium Citrate buffer (pH 6.0) followed by cooling at RT for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

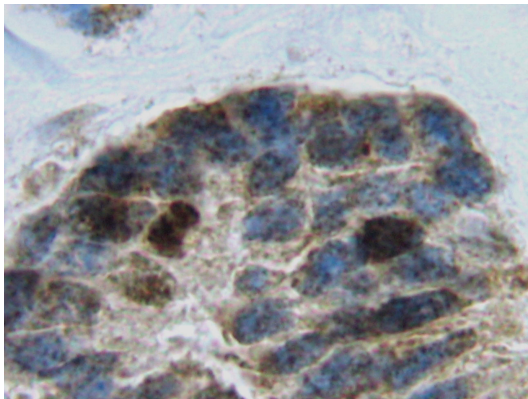
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
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 or below. 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

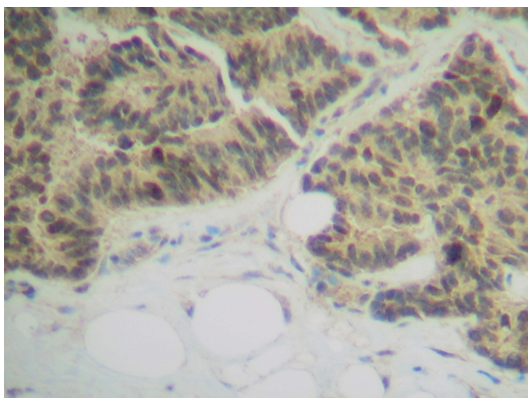
Database links	GeneID: 8792 Human Swiss-port # Q9Y6Q6 Human
Gene Symbol	TNFRSF11A
Gene Full Name	tumor necrosis factor receptor superfamily, member 11a, NFKB activator
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF 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

Images



ARG66061 anti-RANK Receptor antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded sections of Human breast invasive ductal carcinoma. The recommended ARG66061 anti-RANK Receptor antibody concentration is 1.0 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Antigen Retrieval: Boil tissue section in Sodium Citrate buffer (pH 6.0) followed by cooling at RT for 20 min.



ARG66061 anti-RANK Receptor antibody IHC-P image

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