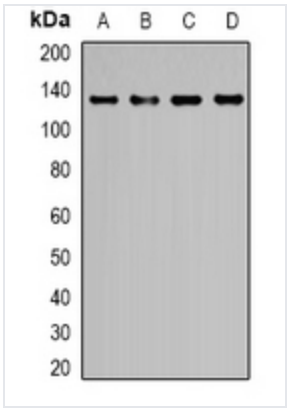
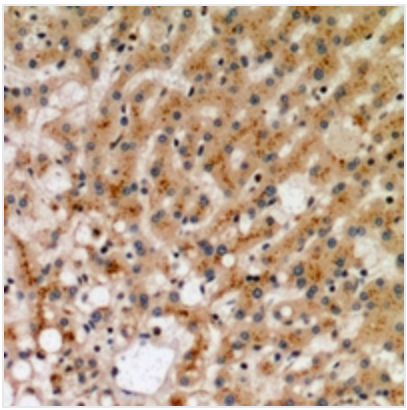
CD265 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD265, Polyclonal Antibody
Full Product Name	Rabbit anti-CD265 Antibody
Product Gene Name	anti-CD265 antibody
Product Synonym Names	RANK; Tumor necrosis factor receptor superfamily member 11A; Osteoclast differentiation factor receptor; ODFR; Receptor activator of NF-KB; CD265
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	64,552 Da
OMIM	174810
3D Structure	ModBase 3D Structure for Q9Y6Q6
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD265. The exact sequence is proprietary.
Product Categories/Family for anti-CD265 antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-CD265 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CD265 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-CD265 antibody	MBS4507425 is an antibody targeting CD265. Also known as Rabbit anti-CD265 Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-CD265 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CD265 antibody
Western blot analysis of CD265 expression in HEK293T (A), mouse kidney (B) whole cell lysates.



Immunohistochemistry (IHC) of anti-CD265 antibody
Immunohistochemical analysis of CD265 staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD265. It may not necessarily be applicable to this product.

NCBI GI #	401015111
NCBI GeneID	8792
NCBI Accession #	NP_001257878.1
UniProt Primary Accession #	Q9Y6Q6
UniProt Secondary Accession #	O35305
UniProt Related Accession #	Q9Y6Q6
GenBank Nucleotide #	NM_001270949.1
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 11A isoform 2
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily member 11a
NCBI Official Symbol	TNFRSF11A
NCBI Official Synonym Symbols	FEO; OFE; ODFR; OSTS; PDB2; RANK; CD265; OPTB7; TRANCER; LOH18CR1
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 11A
UniProt Synonym Protein Names	Osteoclast differentiation factor receptor; ODFR; Receptor activator of NF-KB; CD_antigen: CD265
Protein Family	Tumor necrosis factor receptor superfamily
UniProt Gene Name	TNFRSF11A
UniProt Synonym Gene Names	RANK; ODFR
UniProt Entry Name	TNR11_HUMAN
NCBI Protein Information	tumor necrosis factor receptor superfamily member 11A

UniProt Comments for CD265	TNFRSF11A: Receptor for TNFSF11/RANKL/TRANCE/OPGL; essential for RANKL-mediated osteoclastogenesis. Involved in the regulation of interactions between T-cells and dendritic cells. Binds to the clefts between the subunits of the TNFSF11 ligand trimer to form a heterohexamer. Interacts with TRAF1, TRAF2, TRAF3, TRAF5 and TRAF6. Interacts (via cytoplasmic domain) with GAB2. Ubiquitous expression with high levels in skeletal muscle, thymus, liver, colon, small intestine and adrenal gland. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 18q22.1 Cellular Component: external side of plasma membrane; integral to plasma membrane; plasma membrane Molecular Function: cytokine binding; protein binding; receptor activity; transmembrane receptor activity; tumor necrosis factor receptor activity Biological Process: activation of NF-kappaB transcription factor; adaptive immune response; cell-cell signaling; circadian thermoregulation; inflammatory response; osteoclast differentiation; positive regulation of cell proliferation; positive regulation of JNK activity; positive regulation of transcription factor activity; regulation of apoptosis; response to cytokine stimulus; response to lipopolysaccharide; signal transduction; tumor necrosis factor-mediated signaling pathway Disease: Familial Expansile Osteolysis; Osteopetrosis, Autosomal Recessive 7; Paget Disease Of Bone
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