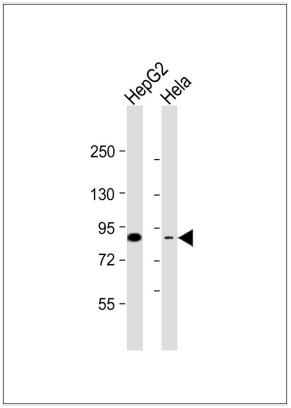
CD248 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD248, Polyclonal Antibody
Full Product Name	CD248 Antibody
Product Gene Name	anti-CD248 antibody
Product Synonym Names	Purified Rabbit Polyclonal Antibody (Pab); Endosialin; Tumor endothelial marker 1; CD248; CD248; CD164L1; TEM1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	80859
OMIM	606064
3D Structure	ModBase 3D Structure for Q9HCU0
Antigen Source	Human
Antigen Type	A Synthesized Peptide
Product Categories/Family for anti-CD248 antibody	Cancer
Applications Tested/Suitable for anti-CD248 antibody	Western Blot (WB)
Application Notes for anti-CD248 antibody	WB ~~1:1000
Related Product Information for anti-CD248 antibody	MBS9216039 is an antibody targeting CD248. Also known as CD248 Antibody. Reactive in Human. Host: Rabbit. May play a role in tumor angiogenesis.
Product References and Citations for anti-CD248 antibody	St Croix B.,et al.Science 289:1197-1202(2000). Christian S.,et al.J. Biol. Chem. 276:7408-7414(2001). Ota T.,et al.Nat. Genet. 36:40-45(2004). Rettig W.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 89:10832-10836(1992). Dolznig H.,et al.Cancer Immun. 5:10-10(2005).
Other Notes	Small volumes of anti-CD248 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-CD248 antibody
All lanes : Anti-CD248 Antibody at 1:1000 dilutionLane 1: HepG2 whole cell lysateLane 2: Hela whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution.Predicted band size : 81 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD248. It may not necessarily be applicable to this product.

NCBI GI #	9966885
NCBI GeneID	57124
NCBI Accession #	NP_065137.1
UniProt Primary Accession #	Q9HCU0
UniProt Secondary Accession #	Q2M2V5; Q3SX55; Q96KB6
UniProt Related Accession #	Q9HCU0
GenBank Nucleotide #	NM_020404.2
NCBI Official Full Name	endosialin
NCBI Official Synonym Full Names	CD248 molecule, endosialin
NCBI Official Symbol	CD248
NCBI Official Synonym Symbols	TEM1; CD164L1
UniProt Protein Name	Endosialin
UniProt Synonym Protein Names	Tumor endothelial marker 1; CD_antigen: CD248
Protein Family	Endosialin
UniProt Gene Name	CD248
UniProt Synonym Gene Names	CD164L1; TEM1
UniProt Entry Name	CD248_HUMAN
NCBI Protein Information	endosialin

NCBI Summary for CD248	CD248: May play a role in tumor angiogenesis. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 11q13 Cellular Component: proteinaceous extracellular matrix; cytoplasm; integral to membrane Molecular Function: extracellular matrix binding; calcium ion binding; carbohydrate binding Biological Process: cell migration; positive regulation of cell proliferation; lymph node development; anatomical structure regression
UniProt Comments for CD248	CD248: May play a role in tumor angiogenesis. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 11q13 Cellular Component: cytoplasm; integral to membrane; proteinaceous extracellular matrix Molecular Function: calcium ion binding; carbohydrate binding; extracellular matrix binding Biological Process: anatomical structure regression; cell migration; lymph node development; positive regulation of cell proliferation
Research Articles on CD248	**1.** The authors show that endosialin, a C-type lectin, expressed in the liver exclusively by HSC and portal fibroblasts, is upregulated in liver fibrosis in mouse and man.
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