

Rabbit anti-Human, Mouse ALCAM Polyclonal Antibody | anti-ALCAM antibody

ALCAM Antibody

CATALOG # AAA231299	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	-----------------------------------	--

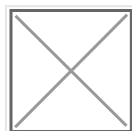
PRODUCT SYNONYMS

ALCAM; Polyclonal Antibody; ALCAM Antibody; CD166 antigen; Activated leukocyte cell adhesion molecule; CD166; MEMD; anti-ALCAM antibody

PRODUCT SPECIFICATIONS

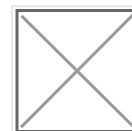
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	570
Applicable Applications for anti-ALCAM antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human CD166 antigen protein (28-180AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8548 / sc-8549 / sc-25624
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue AAA231299 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: ALCAMantibody IgG at 5.36ug/ml+ Mouse kidney tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 66,64,16,34 kDaObserved band size: 65 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ALCAM antibody	Cell adhesion molecule that mediates both heterotypic cell-cell contacts via its interaction with CD6, as well as homotypic cell-cell contacts (PubMed:7760007, PubMed:15496415, PubMed:15048703, PubMed:16352806, PubMed:23169771, PubMed:24945728). Promotes T-cell activation and proliferation via its interactions with CD6 (PubMed:15048703, PubMed:16352806, PubMed:24945728). Contributes to the formation and maturation of the immunological synapse via its interactions with CD6 (PubMed:15294938, PubMed:16352806). Mediates homotypic interactions with cells that express ALCAM (PubMed:15496415, PubMed:16352806). Required for normal hematopoietic stem cell engraftment in the bone marrow (PubMed:24740813). Mediates attachment of dendritic cells onto endothelial cells via homotypic interaction (PubMed:23169771). Inhibits endothelial cell migration and promotes endothelial tube formation via homotypic interactions (PubMed:15496415, PubMed:23169771). Required for normal organization of the lymph vessel network. Required for normal hematopoietic stem cell engraftment in the bone marrow. Plays a role in hematopoiesis; required for normal numbers of hematopoietic stem cells in bone marrow. Promotes in vitro osteoblast proliferation and differentiation (By similarity). Promotes neurite extension, axon growth and axon guidance; axons grow preferentially on surfaces that contain ALCAM. Mediates outgrowth and pathfinding for retinal ganglion cell axons (By similarity).
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	343168770
NCBI GeneID	214
NCBI Accession #	NP_001230209.1
NCBI GenBank Nucleotide #	NM_001243280.1
UniProt Accession #	Q13740; O60892; Q1HGM8; Q1HGM9; Q6PEY4; Q6ZS95; B2RNS3; B4DTU0
Molecular Weight	33,878 Da
NCBI Official Full Name	CD166 antigen isoform 2
NCBI Official Synonym Full Names	activated leukocyte cell adhesion molecule
NCBI Official Symbol	ALCAM
NCBI Official Synonym Symbols	MEMD; CD166
NCBI Protein Information	CD166 antigen
UniProt Protein Name	CD166 antigen
UniProt Gene Name	ALCAM
UniProt Entry Name	CD166_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.