

Rabbit MCAM Polyclonal Antibody | anti-MCAM antibody

MCAM antibody - middle region

CATALOG # AAA201204	HOST Rabbit	REACTIVITY Cow, Horse, Human, Pig, Rabbit	APPLICATIONS Western Blot
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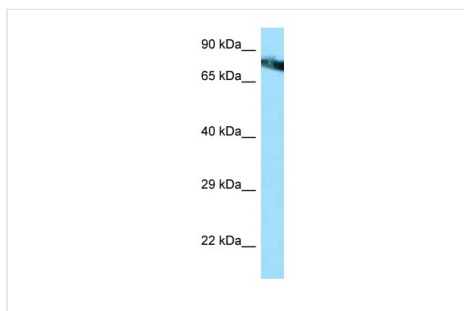
PRODUCT SYNONYMS

MCAM; Polyclonal Antibody; MCAM antibody - middle region; anti-MCAM antibody

PRODUCT SPECIFICATIONS

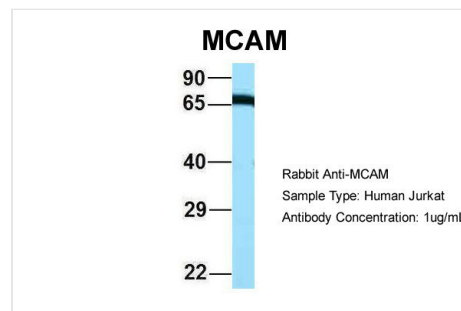
Host	Rabbit
Reactivity	Cow, Horse, Human, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5mg/mL (varies by lot)
Sequence	Synthetic peptide with the following sequence: PS TREAEETTN DNGVLVLEPA RKEHSGRYEC QGLDLDTMIS LLSEPQEL
Sequence Length	646
Applicable Applications for anti-MCAM antibody	WB (Western Blot)
Homology	Cow: 86%; Horse: 86%; Human: 100%; Pig: 86%; Rabbit: 79%
Protein Size (#AA)	646 amino acids
Blocking Peptide	For anti-MCAM antibody is
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



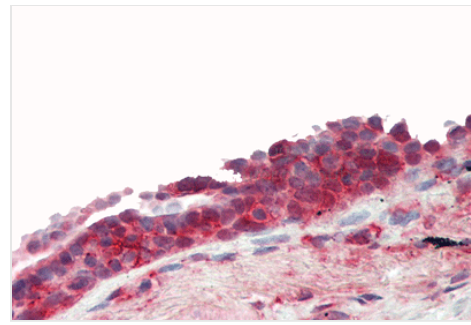
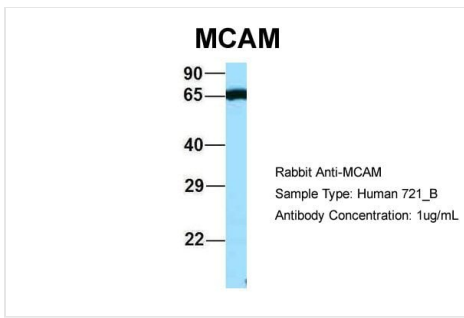
WB (Western Blot)

WB Suggested Anti-MCAM Antibody Titration: 1.0 ug/ml
Positive Control: HepG2 Whole Cell
There is BioGPS gene expression data showing that MCAM is expressed in HepG2



WB (Western Blot)

Host: Rabbit
Target Name: MCAM
Sample Type: Human Jurkat
Antibody Dilution: 1.0ug/ml
There is BioGPS gene expression data showing that MCAM is expressed in Jurkat



WB (Western Blot)

Host: Rabbit
Target Name: MCAM
Sample Type: Human 721_B
Antibody Dilution: 1.0ug/ml
There is BioGPS gene expression data showing that MCAM is expressed in 721_B

IHC (Immunohistochemistry)

Rabbit Anti-MCAM antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Lung, respiratory epithelium
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MCAM antibody	This is a rabbit polyclonal antibody against MCAM. It was validated on Western Blot Target Description: MCAM plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. MCAM could be an adhesion molecule active in neural crest cells during embryonic development. MCAM acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2, and a transient increase in the intracellular calcium concentration.
Product Categories/Family for anti-MCAM antibody	Polyclonal; Membrane & Traffic; Cell Structure

NCBI AND UNIPROT INFORMATION

NCBI GI #	85681878
NCBI GeneID	4162
NCBI Accession #	NP_006491
NCBI GenBank Nucleotide #	NM_006500
UniProt Accession #	P43121
Molecular Weight	71kDa
NCBI Official Full Name	Cell surface glycoprotein MUC18
NCBI Official Synonym Full Names	melanoma cell adhesion molecule
NCBI Official Symbol	MCAM
NCBI Official Synonym Symbols	CD146; MUC18; HEMCAM; METCAM; MeICAM
NCBI Protein Information	cell surface glycoprotein MUC18
UniProt Protein Name	Cell surface glycoprotein MUC18
UniProt Gene Name	MCAM
UniProt Synonym Gene Names	MUC18
UniProt Entry Name	MUC18_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.