

Rabbit anti-Human MCAM Polyclonal Antibody | anti-MCAM antibody

MCAM Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286785	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

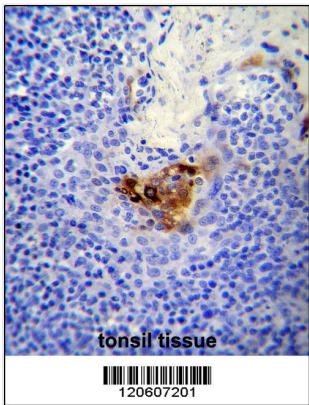
PRODUCT SYNONYMS

MCAM; Polyclonal Antibody; MCAM Antibody (C-term); Cell surface glycoprotein MUC18; Cell surface glycoprotein P1H12; Melanoma cell adhesion molecule; Melanoma-associated antigen A32; Melanoma-associated antigen MUC18; S-endo 1 endothelial-associated antigen; CD146; MUC18; anti-MCAM antibody

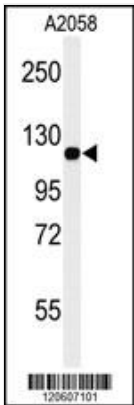
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MCAM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 532-558 amino acids from the C-terminal region of human MCAM.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.3 (varies by lot)
Sequence Positions	532-558
Sequence Length	527
Applicable Applications for anti-MCAM antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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.

IMAGES



IHC (Immunohiostchemistry)
MCAM Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MCAM Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MCAM Antibody (C-term) in A2058 cell line lysates (35ug/lane). MCAM (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MCAM antibody	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. It could be an adhesion molecule active in neural crest cells during embryonic development. It 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	Cancer; Immunology; Signal Transduction
References	Fritzsche,F.R., Pathology 40 (5), 457-464 (2008) Malyszko,J., Clin. Appl. Thromb. Hemost. 14 (3), 338-345 (2008) Guezguez,B., J. Immunol. 179 (10), 6673-6685 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	71274107
NCBI GeneID	4162
NCBI Accession #	NP_006491.2
NCBI GenBank Nucleotide #	NM_006500.2
UniProt Accession #	P43121; O95812; Q59E86; Q6PHR3; Q6ZTR2
Molecular Weight	71607
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
NCBI Protein Information	cell surface glycoprotein MUC18
UniProt Protein Name	Cell surface glycoprotein MUC18
UniProt Gene Name	MCAM
UniProt Synonym Gene Names	MUC18

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mcam-antibody-immunohistochemistry-western-blot-elisa/286785>