

CD146 Monoclonal Antibody | anti-CD146 antibody

CD146 Rabbit mAb

CATALOG # AAA314285	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CD146; Monoclonal Antibody; CD146 Rabbit mAb; A32 antigen; CD 146; CD146 antigen; Cell surface glycoprotein P1H12; Gicerin; MCAM; Melanoma adhesion molecule; Melanoma associated antigen A32; anti-CD146 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S05-5A2
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-CD146 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human CD146
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of CD146 in paraffin-embedded human colon cancer tissue using CD146 Rabbit mAb at dilution 1/100



WB (Western Blot)

Western blot detection of CD146 in C6, Hela cell lysates using CD146 Rabbit mAb(1:1000 diluted). Predicted band size: 72kDa. Observed band size: 120kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CD146 antibody	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. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	85681878
NCBI GeneID	4162
UniProt Accession #	P43121; O95812; Q59E86; Q6PHR3; Q6ZTR2
Molecular Weight	646
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; Gicerin; melanoma adhesion molecule; cell surface glycoprotein P1H12; melanoma-associated antigen A32; melanoma-associated antigen MUC18; S-endo 1 endothelial-associated antigen
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd146-antibody-clone-s05-5a2-immunohistochemistry-western-blot-elisa/314285>