

Rabbit anti-Human, Mouse CD146 Polyclonal Antibody | anti-CD146 antibody

Rabbit anti-CD146 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212628	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

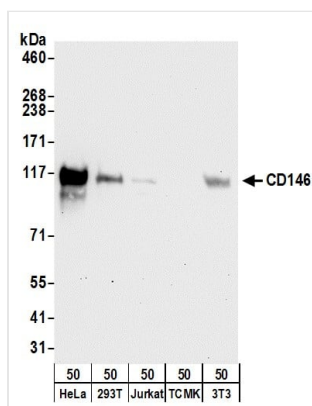
PRODUCT SYNONYMS

CD146; Polyclonal Antibody; Rabbit anti-CD146 Antibody; Affinity Purified; melanoma adhesion molecule; MUC18; METCAM; MelCAM; melanoma-associated antigen MUC18; S-endo 1 endothelial-associated antigen; Melanoma cell adhesion molecule; Gicerin; cell surface glycoprotein P1H12; cell surface glycoprotein MUC18; CD antigen CD146; melanoma-associated antigen A32; HEMCAM; Cell surface glycoprotein MUC18; melanoma cell adhesion molecule; anti-CD146 antibody

PRODUCT SPECIFICATIONS

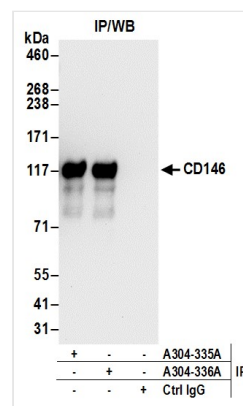
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CD146 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 596 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse CD146 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-CD146 antibody AAA212628 (lot AAA212628-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human CD146 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CD146 antibody AAA212628 (lot AAA212628-1) used for IP at 6 ug per reaction. CD146 was also immunoprecipitated by rabbit anti-CD146 antibody For blotting immunoprecipitated CD146, AAA212628 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CD146 antibody	CD146 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. CD146 could be an adhesion molecule active in neural crest cells during embryonic development. CD146 acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P43121].
Product Categories/Family for anti-CD146 antibody	Primary Antibodies

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	57,605 Da
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd146-antibody-immunoprecipitation-western-blot-elisa/212628>