

Product Datasheet

CD146 Antibody

Catalog No: CY5209

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC



www.abways.com

Information

UniProt ID: P43121

All Names: A32 antigen; CD 146; CD146; CD146 antigen; Cell surface glycoprotein MUC18; Cell surface glycoprotein P1H12; Gicerin; MCAM; Melanoma adhesion molecule; Melanoma associated antigen A32; Melanoma associated antigen MUC18; Melanoma associated glyc

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 72 kDa

Application

WB: 1:500~1:2000

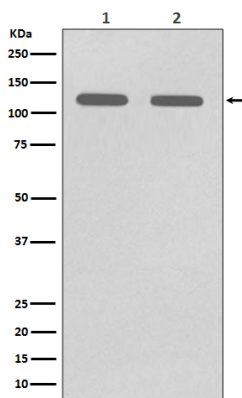
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

IP: 1:50

Background

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. 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.



Western blot analysis of CD146 expression in (1)A375 cell lysate;(2)HUVEC cell lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com