

Anti-CD146 Rabbit pAb

Purified Rabbit Polyclonal Antibody

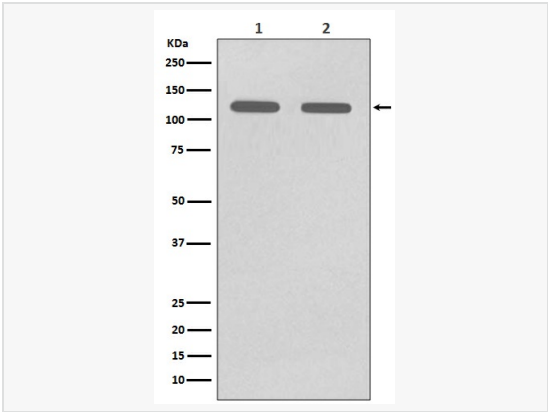
Catalog # P010412

Product Information

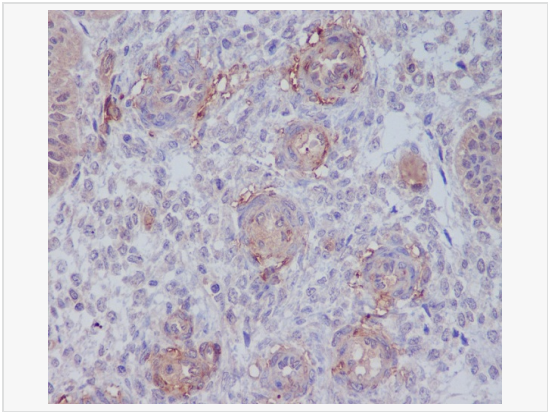
Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, FC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human CD146
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CD146 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

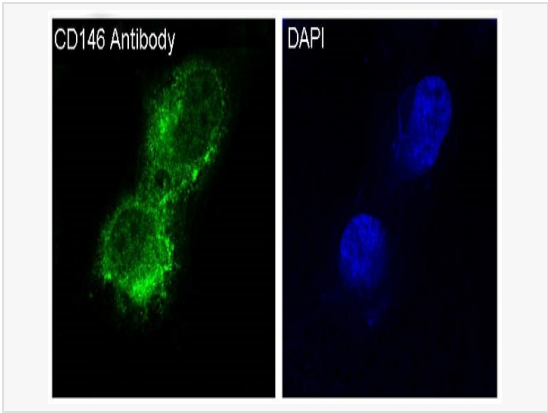
Synonyms	CD146, MUC18.
Calculated MW	Calculated MW: 72 kDa; Observed MW: 72 kDa
Uniprot ID	P43121
Gene ID	4162
Background	CD146 plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact 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.



Western blot analysis of CD146 in (1) A375 lysates; (2) HUVEC lysates using CD146 antibody.



Immunohistochemistry analysis of paraffin-embedded Human uterus using CD146 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of CD146 in A375 using CD146 antibody.