

Product Name: CD146 Rabbit Polyclonal Antibody
Catalog #: APRab00016



Summary

Production Name	CD146 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	MCAM
Alternative Names	CD146; MUC18
Gene ID	4162
SwissProt ID	P43121.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20 FC: 1:50-1:100
Molecular Weight	Calculated MW: 72 kDa; Observed MW: 72 kDa

Background

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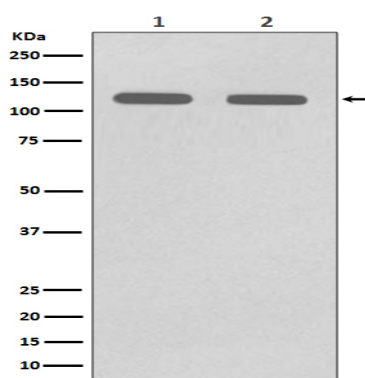


CD146 plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development.

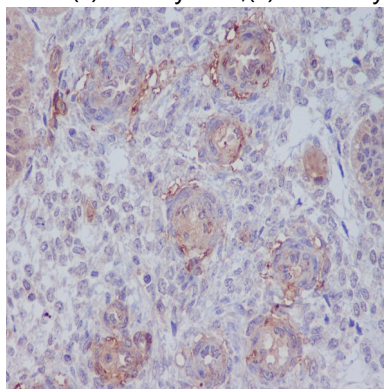
Research Area

Immunology

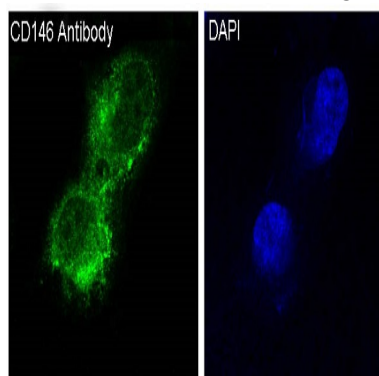
Image Data



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.



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Immunofluorescence analysis of CD146 in A375 using CD146 antibody.

Note

For research use only.