
Product Name: CD146 Rabbit Monoclonal Antibody**Catalog #: AMRe01520**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 72 kDa; Observed MW: 120 kDa

Antigen Information

Gene Name	MCAM
Alternative Names	CD146; MUC18
Gene ID	4162
SwissProt ID	P43121
Immunogen	A synthetic peptide of human CD146

Background

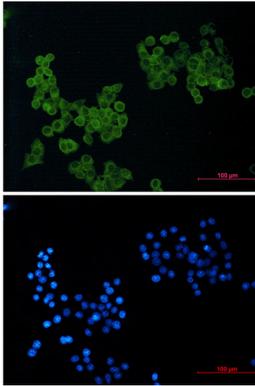
CD146 plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing

hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development.

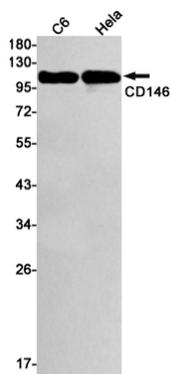
Research Area

Immunology

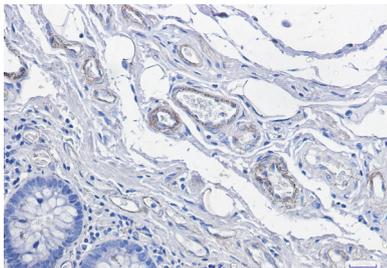
Image Data



Immunocytochemistry analysis of CD146 (green) in HeLa using CD146 antibody, and DAPI (blue).



Western blot analysis of CD146 in C6, HeLa lysates using CD146 antibody.



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