

Summary

Production Name	CD146 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	CD146
Alternative Names	CD146; MUC18
Gene ID	4162.0
SwissProt ID	P43121.A synthetic peptide of human CD146

Application

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

Background

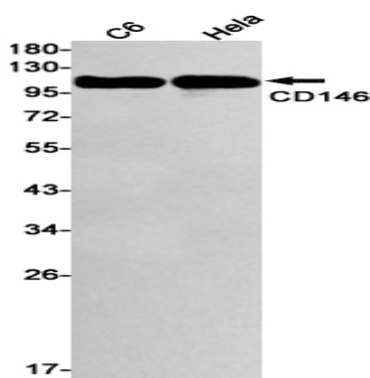
Product Name: CD146 Rabbit Monoclonal Antibody
Catalog #: AMRe85202



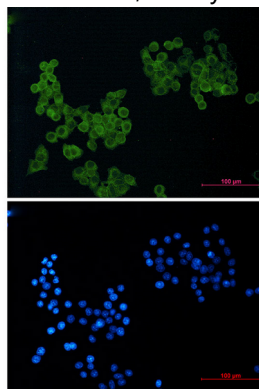
CD146 plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule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

Research Area

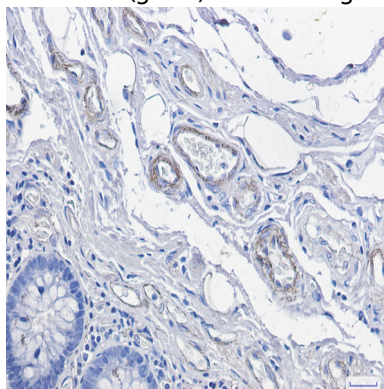
Image Data



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



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



Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using CD146 antibody. High-pressure and

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temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.