

Recombinant CD146/MCAM Monoclonal Antibody

catalog number: **AN300300P**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

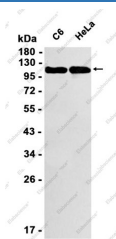
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human CD146 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110177
Purification	Affinity Purification
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

WB	1:1000
IHC-P	1:200-1:500
ICC/IF	1:100-1:200
FC	1:20-1:100

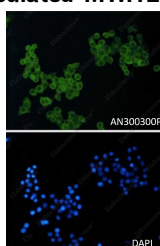
Data



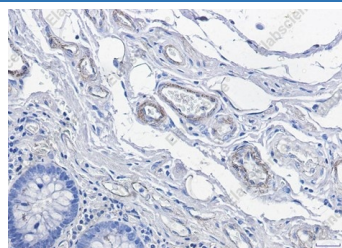
Western blot analysis of extracts from C6, HeLa cells at 1:1000.

Observed-MW:120 kDa

Calculated-MW:72 kDa



Immunofluorescent analysis of HeLa cells using CD146/MCAM antibody(green), and DAPI (blue).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.5

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 hematogenous 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.