

NEUROMICS

CD146/MCAM



Data Sheet

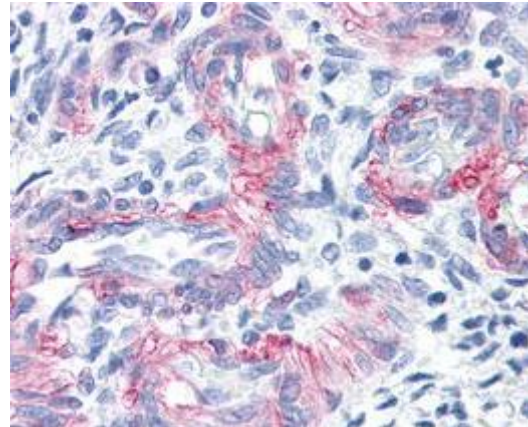
Catalog Number:	MO30005	Host:	Mouse
Product Type:	Mouse Monoclonal (IgG1)	Species Reactivity:	Human
Immunogen Sequence:	Raised against human umbilical vein cells	Format:	Affinity Purified 50 µg at 0.5 mg/ml Aqueous buffer, 0.09% sodium azide.
Applications:	Immunohistochemistry: <ul style="list-style-type: none">• Paraffin: 20 µg/ml• Frozen: 1-10 µg/ml Western Blot: 1-5 µl/ml Flow Cytometry: 0.25 ul for 10 ⁵ to 10 ⁸ cells		
Storage:	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator. Store at 4°C . Avoid repeated freeze-thaw cycles.		
Gene Information:	Uniprot: P43121		

Application Notes

Description/Data:

CD146, also known as cell surface glycoprotein MUC18, melanoma cell adhesion molecule and melanoma-associated antigen MUC18, plays a role in cell adhesion and in cohesion of the endothelial monolayer in the vascular tissue. It is expressed in endothelial cells in vascular tissue throughout the body, and may be found in vascular smooth muscles. It is also associated with tumor progression and metastasis development of human malignant melanoma.

Image: *Anti-MCAM / CD146 antibody IHC of human vessels in human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.*



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