

Mouse Monoclonal Antibody to MCAM

Catalogue Number	sAP-0854
Target Molecule	Name: MCAM Aliases: CD146; MUC18 MW: 71.6kDa Entrez Gene ID: 4162
Description	The protein encoded by this gene 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. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration ;
Immunogen	Purified recombinant fragment of human MCAM (AA: 84-189) expressed in E. Coli.
Reactive Species	Human;
Clone	MM6C3F1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cancer Lett. 2013 Apr 28;330(2):150-62. ; 2. J Biol Chem. 2013 Jan 25;288(4):2571-9. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**