

## Mouse Monoclonal Antibody to MCAM

<b>Catalogue Number</b>	sAP-0800
<b>Target Molecule</b>	<p><b>Name: MCAM</b></p> <p><b>Aliases:</b> CD146; MUC18</p> <p><b>MW: 71.6kDa</b></p> <p><b>Entrez Gene ID: 4162</b></p>
<b>Description</b>	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. ; ;
<b>Immunogen</b>	Purified recombinant fragment of human MCAM (AA: 84-189) expressed in E. Coli.
<b>Recitative Species</b>	Human;
<b>Clone</b>	MM6C3E6;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	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**