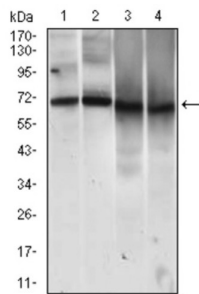
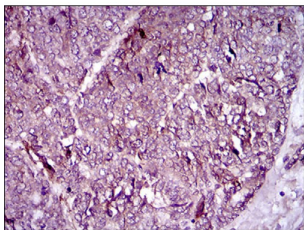


Melanoma Cell Adhesion Molecule (MCAM) Antibody

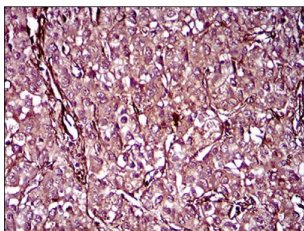
Catalogue No.:abx015923



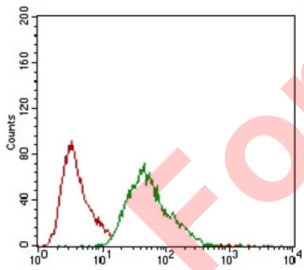
Western blot analysis using MCAM antibody against human MCAM recombinant protein. (Expected MW is 37.7 kDa).



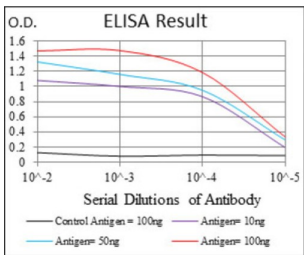
Western blot analysis using MCAM antibody against HEK293 (1) and MCAM (AA: 84-189) - hlgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using MCAM antibody against HUVE-12 (1), EVC-304 (2), HELA (3) and MCF-7 (4) cell lysate.



Flow cytometric analysis of MCF-7 cells using MCAM antibody (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded liver cancer tissues using MCAM antibody with DAB staining.

Datasheet

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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.

Target:	Melanoma Cell Adhesion Molecule (MCAM)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human MCAM (AA: 84-189) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P43121 (UniProt , ExPASy)
Gene Symbol:	MCAM
GeneID:	4162
OMIM:	155735
HGNC:	6934
KEGG:	hsa:4162
Ensembl:	ENSG00000076706

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String: [9606.ENSPO0000264036](#)

Molecular Weight: 71.6 kDa

Buffer: PBS, containing 0.05% sodium azide.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only