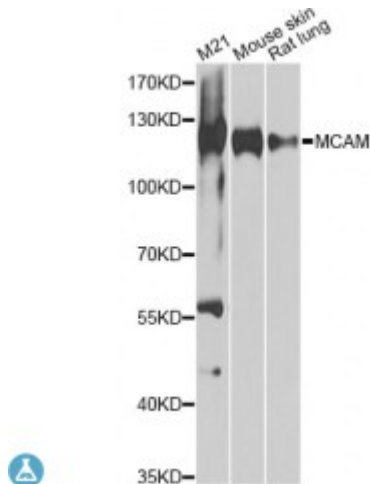


Anti-MCAM Antibody



Model	STJ115862
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	IHC, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 447-646 of human MCAM (NP_006491.2).
Gene ID	4162
Gene Symbol	MCAM
Dilution range	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Tissue Specificity	Detected in endothelial cells in vascular tissue throughout the body, May appear at the surface of neural crest cells during their embryonic migration, Appears to be limited to vascular smooth muscle in normal adult tissues, Associated with tumor progression and the development of metastasis in human malignant melanoma, Expressed most strongly on metastatic lesions and advanced primary tumors and is only rarely detected in benign melanocytic nevi and thin primary melanomas with a low probability of metastasis
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Cell surface glycoprotein MUC18 Cell surface glycoprotein P1H12 Melanoma cell adhesion molecule Melanoma-associated antigen A32 Melanoma-associated antigen MUC18 S-endo 1 endothelial-associated antigen CD antigen CD146

Molecular Weight	71.607 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6934OMIM:155735
Alternative Names	Cell surface glycoprotein MUC18 Cell surface glycoprotein P1H12 Melanoma cell adhesion molecule Melanoma-associated antigen A32 Melanoma-associated antigen MUC18 S-endo 1 endothelial-associated antigen CD antigen CD146
Function	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,
Cellular Localization	Membrane