

Immunotag™ MCAM Antibody

Antibody Specification	
Catalog No.	ITA7817
Product Description	Immunotag™ MCAM Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	MCAM
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human MCAM
Specificity	MCAM Antibody detects endogenous levels of total MCAM
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	MCAM
Accession No.	P43121
Alternate Names	A32 antigen; CD 146; CD146; CD146 antigen; Cell surface glycoprotein MUC18; Cell surface glycoprotein P1H12; Gicerin; Mcam; Melanoma adhesion molecule; Melanoma associated antigen A32; Melanoma associated antigen MUC18; Melanoma associated glycoprotein MUC18; Melanoma cell adhesion molecule; Melanoma-associated antigen A32; Melanoma-associated antigen MUC18; MeICAM; MUC 18; MUC18; MUC18_HUMAN; S endo 1; S endo 1 endothelial associated antigen; S-endo 1 endothelial-associated antigen;

Antibody Specification

Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	140 kd
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.