CD146 mouse mAb(PT0278)

Catalog No	BYab-15070
Isotype	IgG
Reactivity	Human
Applications	IHC;IF;WB
Gene Name	MCAM MUC18
Protein Name	CD146
Immunogen	Synthesized peptide derived from human CD146
Specificity	This antibody detects endogenous levels of human CD146
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IF 1:50-200 IHC-p 1:100-300，WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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)
Observed Band	
Cell Pathway	Membrane; Single-pass type I membrane protein.
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.
Function	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

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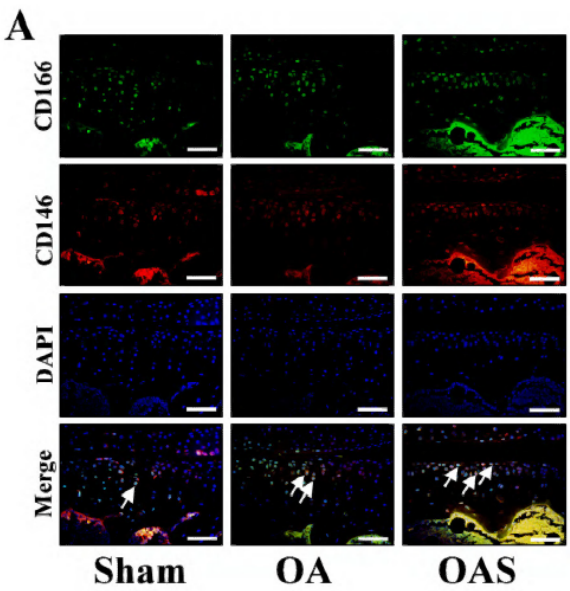
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



A static magnetic field enhances the repair of osteoarthritic cartilage by promoting the migration of stem cells and chondrogenesis Journal of Orthopaedic Translation Yuting Sun, Yanwen Fang, Xinle Li, Jie Li, Daquan Liu, Min Wei, Zhongcai Liao, Yao Meng, Lidong Zhai, Hiroki Yokota, Lei Yang, Ying Yu, Ping Zhang IF Mouse knee joint