

CD146(PT0278)Mouse Monoclonal Antibody

Catalog# UZ-PA02354

Product information

产品货号	UZ-PA02354
别名	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);MUC18
产品名称	CD146(PT0278)Mouse Monoclonal Antibody
类别	抗体产品
基因名称	MCAM
推荐应用	IHC-P,IF-P,IF-F,IF-ICC,WB
反应种属	Human
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	4162
Human Swissprot No.	P43121
免疫原	Synthesized peptide derived from human CD146 AA range: 500-600
稀释度	IF-P/IF-F/IF-ICC 1:50-200, IHC-P 1:100-300, WB 1:500-2000
运输及保存条件	-20°C/1 year
宿主	Mouse
背景介绍	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, and a transient increase in the intracellular calcium concentration.,similarity:Contains 2 Ig-like V-type (immunoglobulin-like) domains.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,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.,
细胞定位	Membrane; Single-pass type I membrane protein.
纯化	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Clonality	Monoclonal