ARG55967
anti-CD146 antibody [OJ79c]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [OJ79c] recognizes CD146
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF
Host	Mouse
Clonality	Monoclonal
Clone	OJ79c
Isotype	IgG1, kappa
Target Name	CD146
Species	Human
Immunogen	Recombinant Human CD146 protein.
Conjugation	Un-conjugated
Alternate Names	Cell surface glycoprotein P1H12; Melanoma-associated antigen A32; Melanoma-associated antigen MUC18; Cell surface glycoprotein MUC18; Melanoma cell adhesion molecule; CD146; MUC18; CD antigen CD146; S-endo 1 endothelial-associated antigen

Application Instructions

Application table

Application	Dilution
FACS	0.5 - 1 µg/10^6 cells
ICC/IF	0.5 - 1.0 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 4162 Human Swiss-port # P43121 Human
Gene Symbol	MCAM
Gene Full Name	melanoma cell adhesion molecule
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. [UniProt]
Calculated Mw	72 kDa
Cellular Localization	Cell surface