

Mouse anti-CD146, clone OJ79c (Monoclonal)

Clone no. OJ79c

MONOSAN

Product name	Mouse anti-CD146, clone OJ79c (Monoclonal)
Host	Mouse
Applications	FC,IHC-fr,ELISA,IF
Species reactivity	human,pig,dog
Conjugate	Purified
Immunogen	Recombinant human MUC18 (D1-D5) Fc protein.
Isotype	IgG1
Clonality	Monoclonal
Clone number	OJ79c
Size	0.2 mg
Concentration	1.0 mg/ml
Format	-
Storage buffer	PBS with 0.09% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Mouse anti Human CD146 antibody, clone OJ79c recognizes human Cell surface glycoprotein MUC18, also known as CD146, Cell surface glycoprotein P1H12, Melanoma cell adhesion molecule (MCAM) or S-endo 1 endothelial-associated antigen. CD146 is a 646 amino acid single pass type 1 transmembrane glycoprotein with a calculated molecular mass of 126;72 kDa. However due to extensive N-linked glycosylation CD146 migrates in polyacrylamide gels with an apparent molecular mass of 126;118 kDa. CD146 is a member of the immunoglobulin superfamily bearing 2 V-type Ig-like and 3 C-type Ig-like domains. CD146 is expressed by all endothelial cells and by melanoma cells and appears to act as an adhesion molecule (UniProt: P43121). Expression in melanoma may be linked to tumor progression (Lehmann et al. 1989). Mouse anti Human CD146 antibody, clone OJ79c is highly expressed on pericytes and has been utilized for the identification of perivascular mesenchymal precursor cells from cardiac muscle using flow cytometry (Chen et al. 2014).

References

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