

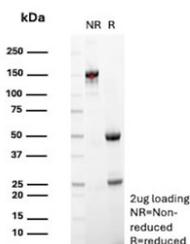
MUC18 Antibody / CD146 [clone OJ79c] (V2189)

Catalog No.	Formulation	Size
V2189-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2189-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2189SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

 Citations (7)

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Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	OJ79c
Purity	Protein G purified antibody
Buffer	1X PBS, pH 7.4
Gene ID	4162
Localization	Cell surface, cytoplasm
Applications	Flow Cytometry : 0.5-1ug/10 ⁶ cells Immunofluorescence : 0.5-1ug/ml
Limitations	This MUC18 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free MUC18 antibody (clone OJ79c) as confirmation of integrity and purity.

Description

The human Mel-CAM gene maps to chromosome 11q23 and encodes a trans-membrane glycoprotein, also designated MCAM, MUC18 or CD146, that belongs to the immunoglobulin superfamily and functions as a Ca²⁺-independent cell adhesion molecule. MUC18 expression is restricted to advanced primary and metastatic melanomas and to cell lines of the neuroectodermal lineage, but not normal melanocytes. MUC18 / CD146 is found on 80% of advanced primary human melanomas and correlates well with development of metastatic disease.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the MUC18 antibody to be titered up or down for optimal performance.

Immunogen

Recombinant human protein was used as the immunogen for this MUC18 antibody.

Storage

Store the MUC18 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

Cell Surface Glycoprotein MUC18, Cell Surface Glycoprotein P1H12, Gicerin, MCAM, Melanoma Adhesion Molecule, Melanoma Associated Glycoprotein MUC18, Melanoma Cell Adhesion Molecule, Melanoma-associated Antigen A32, Mel-CAM, S-endo 1 Endothelial-associated Antigen, Sendo1, CD146 antibody

References (1)