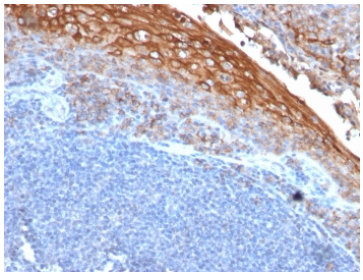
Recombinant CD146 Antibody rMUC18/1130 / Recombinant Mouse MAb [clone rMUC18/1130] (V3638)

Catalog No.	Formulation	Size
V3638-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3638-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3638SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3638IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

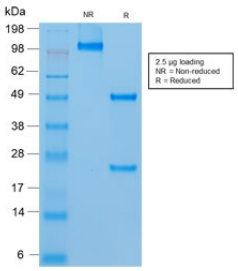
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rMUC18/1130
Purity	Protein G affinity chromatography
UniProt	P43121
Localization	Cell surface, cytoplasm
Applications	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT
Limitations	This Recombinant CD146 Antibody rMUC18/1130 is available for research use only.



Recombinant CD146 Antibody rMUC18/1130 Immunohistochemistry Analysis. IHC testing of FFPE human tonsil with CD146 antibody (clone rMUC18/1130). Required boiling tissue sections in 10mM Tris with 1mM EDTA, pH8, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant CD146 antibody (clone rMUC18/1130) as confirmation of integrity and purity.

Description

Recombinant CD146 Antibody rMUC18/1130 detects CD146/MCAM. CD146 expression is restricted to advanced primary and metastatic melanomas and to cell lines of the neuroectodermal lineage, but not normal melanocytes. It is found on 80% of advanced primary human melanomas and correlates well with development of metastatic disease.

For an alternative antibody targeting the same cell adhesion molecule, see our MCAM Antibody MCAM/3046, a mouse monoclonal antibody featuring human melanoma IHC and protein microarray specificity validation.

Application Notes

Optimal dilution of the Recombinant CD146 Antibody rMUC18/1130 should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Recombinant human protein was used as the immunogen for the Recombinant CD146 Antibody rMUC18/1130.

Storage

Store the Recombinant CD146 Antibody rMUC18/1130 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

MCAM antibody, MUC18 antibody, Mel-CAM antibody, Melanoma Cell Adhesion Molecule antibody, Cell Surface Glycoprotein MUC18 antibody, CD146 Antigen antibody, Recombinant MCAM antibody, Recombinant MUC18 antibody

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