Anti-CD146 Antibody [MCAM/1101] (A249290)

Specifications:

Name:	Anti-CD146 Antibody [MCAM/1101]
Description:	Mouse monoclonal [MCAM/1101] antibody to CD146.
Specificity:	The human Mel-CAM gene maps to chromosome 11q23 and encodes a trans-membrane glycoprotein, also designated MCAM, MUC 18 or CD146, that belongs to the immunoglobulin superfamily and functions as a Ca2+-independent cell adhesion molecule. Mel-CAM expression is restricted to advanced primary and metastatic melanomas and to cell lines of the neuroectodermal lineage, but not normal melanocytes. Mel-CAM is found on 80% of advanced primary human melanomas and correlates well with development of metastatic disease.
Applications:	Flow Cytometry, IF, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant human MCAM protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	MCAM/1101
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-CD146 Antibody [MCAM/1101] - BSA and Azide free (A252470).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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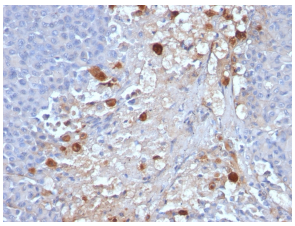
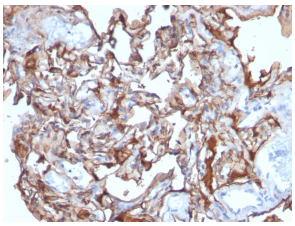
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human melanoma using Anti-CD146 Antibody [MCAM/1101].



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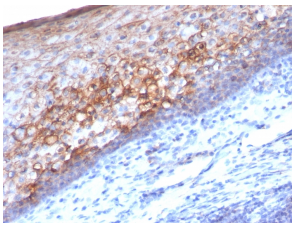

Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil using Anti-CD146 Antibody [MCAM/1101].