

12-1217: Anti-MUC18 / CD146 / MCAM (Melanoma Cell Adhesion Molecule) Recombinant Mouse Monoclonal Antibody (Clone:rMUC18/1130)

Clonality :	Monoclonal
Clone Name :	rMUC18/1130
Application :	IHC
Reactivity :	Human
Gene :	MCAM
Gene ID :	4162
Uniprot ID :	P43121
Format :	Purified
Alternative Name :	Cell Surface Glycoprotein MUC18, Cell Surface Glycoprotein P1H12, Gicerin, Melanoma Adhesion Molecule (MCAM), Melanoma Associated Glycoprotein MUC18, Melanoma Cell Adhesion Molecule, Melanoma-associated Antigen A32, Mel-CAM, S-endo 1 Endothelial-associated Antigen, Sendo1
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant full-length human MUC18 protein

Description

Mel-CAM 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.

Product Info

Amount :	20 µg / 100 µg
Purification :	Protein A/G
Content :	200µg/ml of recombinant MAb purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2.5 µg/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA, pH 8.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)

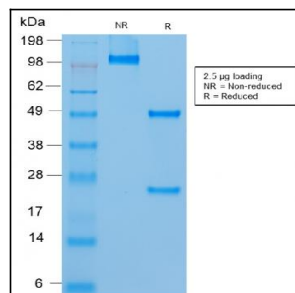


Figure 1: SDS-PAGE Analysis of Purified MUC18 Mouse Recombinant Monoclonal Antibody (rMUC18/1130).

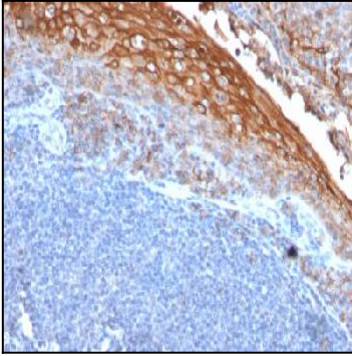


Figure 2: Formalin-fixed, paraffin-embedded human Tonsil stained with MUC18 Mouse Recombinant Monoclonal Antibody (rMUC18/1130).