

Datasheet for ABIN6940012

**Recombinant anti-MCAM antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	MCAM
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This MCAM antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant full-length human MUC18 protein
Clone:	RMUC18-1130
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

## Target Details

Target:	MCAM
Alternative Name:	MCAM ( <a href="#">MCAM Products</a> )
Background:	Mel-CAM belongs to the immunoglobulin superfamily and functions as a Ca <sup>2+</sup> -independent cell adhesion molecule. Mel-CAM expression is restricted to advanced primary and metastatic

## Target Details

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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.

Molecular Weight: 130kDa

Gene ID: 4162

UniProt: [P43121](#)

## Application Details

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Application Notes: Positive Control: A-375, HUV-EC or HeLa cells. Tonsil or Melanoma (IHC).  
Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 1 mM EDTA, pH 8.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

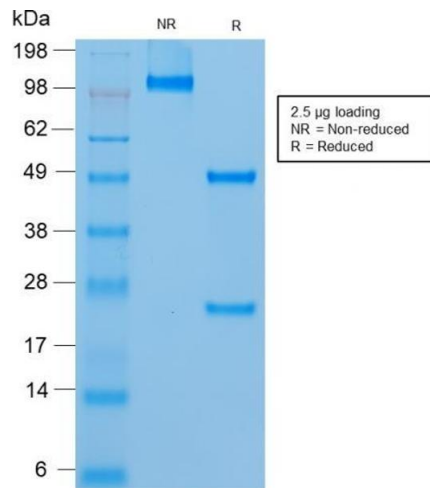
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

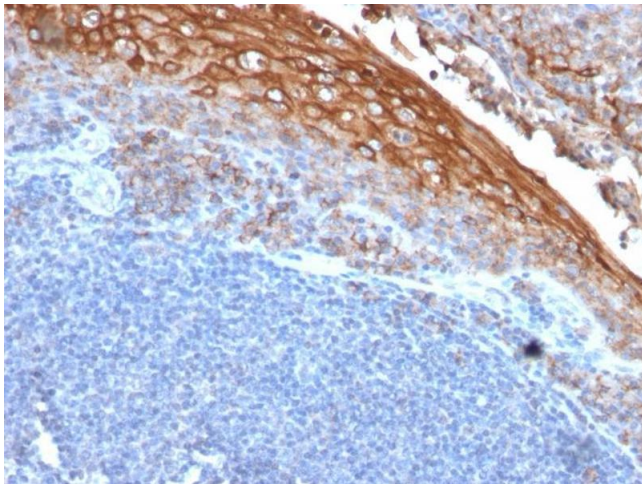
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



### SDS-PAGE

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



### Immunohistochemistry

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