

Datasheet for ABIN650721  
**anti-MCAM antibody (C-Term)**

2 Images



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## Overview

Quantity:	400 µL
Target:	MCAM
Binding Specificity:	AA 532-558, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCAM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This MCAM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 532-558 amino acids from the C-terminal region of human MCAM.
Clone:	RB20607
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MCAM
Alternative Name:	MCAM ( <a href="#">MCAM Products</a> )
Background:	MCAM plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular

## Target Details

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junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. It could be an adhesion molecule active in neural crest cells during embryonic development. It acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2, and a transient increase in the intracellular calcium concentration.

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Molecular Weight: 71607

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Gene ID: 4162

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NCBI Accession: [NP\\_006491](#)

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UniProt: [P43121](#)

## Application Details

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Application Notes: WB: 1:1000. IHC-P: 1:10~50

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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Preservative: Sodium azide

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

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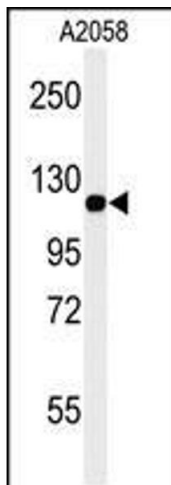
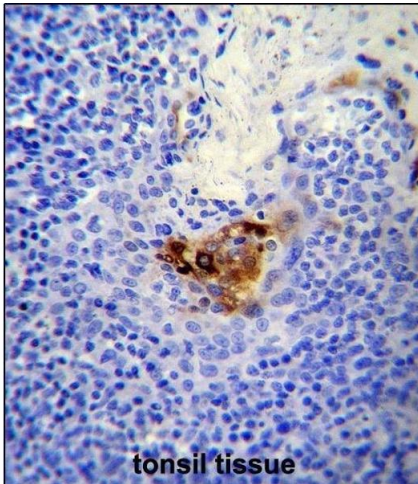
Storage: 4 °C,-20 °C

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Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

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Expiry Date: 6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** MC Antibody (C-term) (ABIN650721 and ABIN2839393) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MC Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

### Western Blotting

**Image 2.** Western blot analysis of MC Antibody (C-term) (ABIN650721 and ABIN2839393) in cell line lysates (35  $\mu$ g/lane). MC (arrow) was detected using the purified Pab.