

Datasheet for ABIN5013920
anti-MCAM antibody (AA 323-560)



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3 Images

Overview

Quantity:	100 µL
Target:	MCAM
Binding Specificity:	AA 323-560
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCAM antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cluster Of Differentiation 146 (CD146)
Immunogen:	RPB670Ra01Recombinant Cluster Of Differentiation 146 (CD146)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CD146. It has been selected for its ability to recognize CD146 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

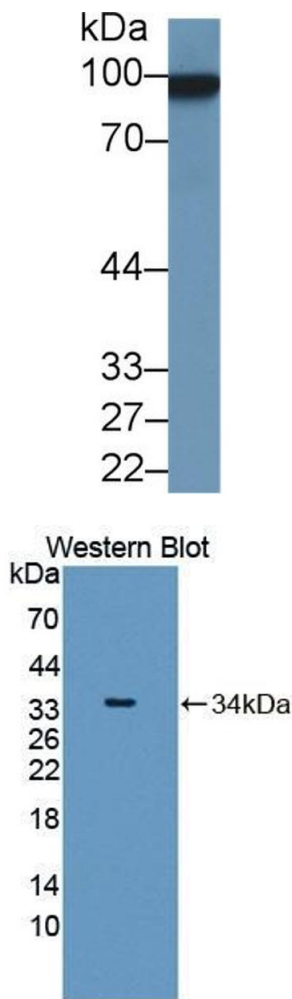
Target:	MCAM
Alternative Name:	CD146 (MCAM Products)
Background:	MCAM, MUC18, Melanoma Cell Adhesion Molecule, Cell surface glycoprotein P1H12, Melanoma-associated antigen A32, S-endo 1 endothelial-associated antigen

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100 Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

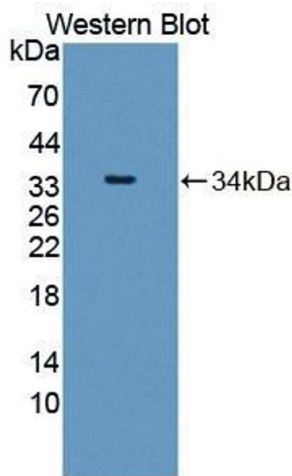
Handling

Format:	Liquid
Concentration:	500 µg/mL
Buffer:	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), ProClin
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



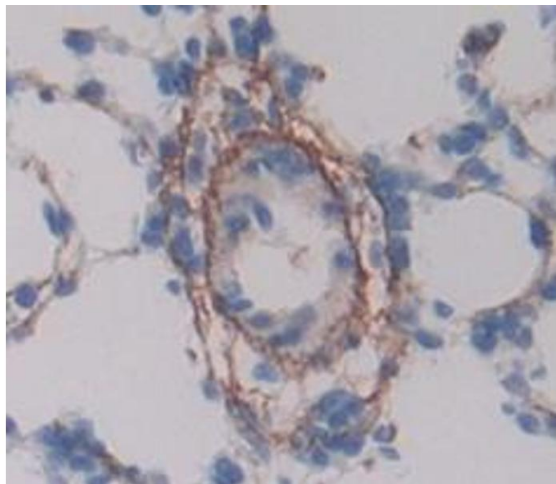
Western Blotting

Image 1. Western Blot; Sample: Rat Uterus lysate; Primary Ab: 1µg/ml Rabbit Anti-Rat MCAM Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blotting

Image 2. Figure. Western Blot; Sample: Recombinant protein.



Immunohistochemistry

Image 3. Used in DAB staining on fromalin fixed paraffin-embedded lung tissue