

# CD146/MCAM Rabbit pAb

Catalog No.: A21488

## Basic Information

### Observed MW

120kDa

### Calculated MW

72kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Rat

## Background

Involved in glomerular filtration and vascular wound healing. Acts upstream of or within angiogenesis. Located in external side of plasma membrane. Biomarker of chronic obstructive pulmonary disease and uveal melanoma.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

4162

### Swiss Prot

P43121

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 447-646 of human CD146/MCAM (NP\_006491.2).

### Synonyms

CD146; MUC18; HEMCAM; METCAM; MeICAM; CD146/MCAM

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

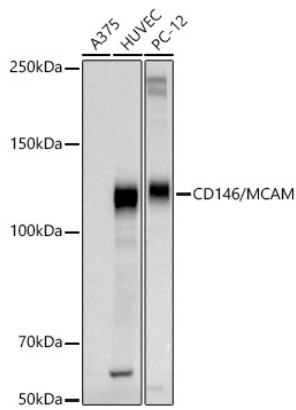
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using CD146/MCAM antibody (A21488) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.