Leader in Biomolecular Solutions for Life Science

CD146/MCAM Rabbit mAb

Catalog No.: A25753 Recombinant



Basic Information

Observed MW 120kDa

Calculated MW 72kDa

Category Primary antibody

Applications ELISA,WB,IF/ICC

Cross-Reactivity Human

CloneNo number ARC68503

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 Immunogen Information

WB	1:500 - 1:1000	Gene ID	Swiss Prot	
IF/ICC	1:50 - 1:200	4162	P43121	

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-559 of human CD146/MCAM (NP_006491.2).

Synonyms

CD146; MUC18; HEMCAM; METCAM; MelCAM

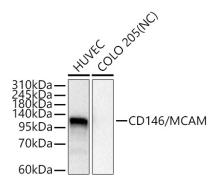
a 400-999-6126 x cn.market@abclonal.com.cn y www.abclonal.com.cn

Product Information

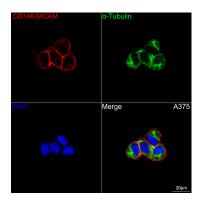
Source Rabbit **lsotype** IgG **Purification** Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.



Western blot analysis of various lysates using CD146/MCAM Rabbit mAb (A25753) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020) Negative control (NC): COLO 205 Exposure time: 30 s.



Confocal imaging of A375 cells using CD146/MCAM Rabbit mAb (A25753, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.