

Product Datasheet

MCAM/CD146 Antibody - Azide Free NBP2-15778

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-15778**MCAM/CD146 Antibody - Azide Free**

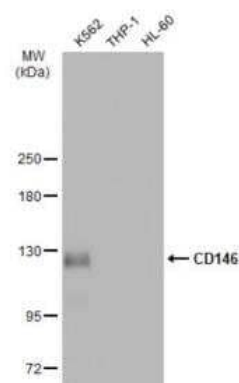
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	72 kDa

Product Description	
Host	Rabbit
Gene ID	4162
Gene Symbol	MCAM
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human MCAM/CD146. The exact sequence is proprietary.

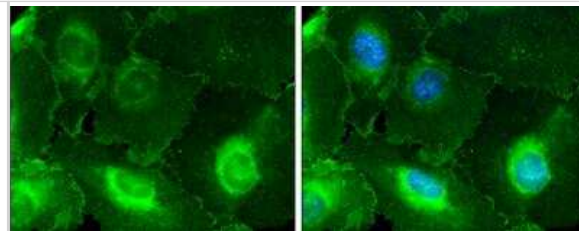
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

Images

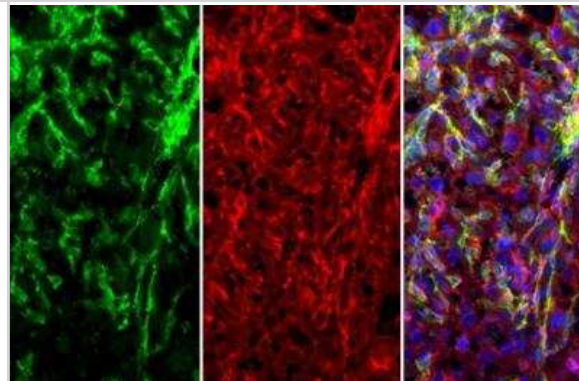
Western Blot: MCAM/CD146 Antibody [NBP2-15778] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with CD146 antibody [C1C3] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



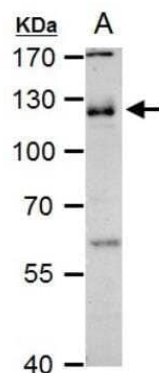
Immunocytochemistry/Immunofluorescence: MCAM/CD146 Antibody [NBP2-15778] - HUVEC cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CD146 protein stained by CD146 antibody [C1C3] diluted at 1:500. Blue: Hoechst 33342 staining.



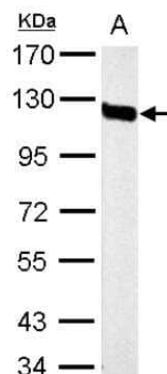
Immunohistochemistry-Paraffin: MCAM/CD146 Antibody [NBP2-15778] - Mouse placenta. Green: CD146 stained by CD146 antibody [C1C3] diluted at 1:250. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [114] diluted at 1:1000. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



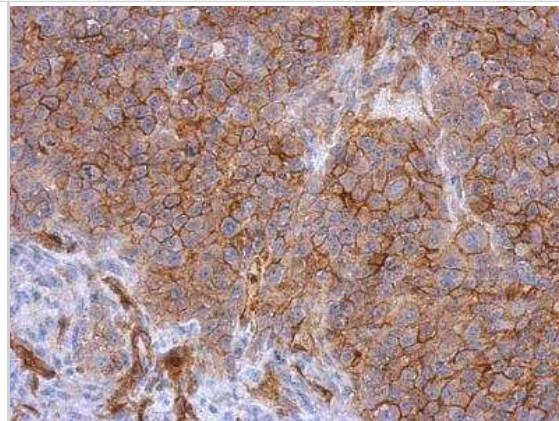
Western Blot: MCAM/CD146 Antibody [NBP2-15778] - A. 50 ug rat liver extract 7.5 % SDS-PAGE CD146 antibody [C1C3] dilution: 1:1000



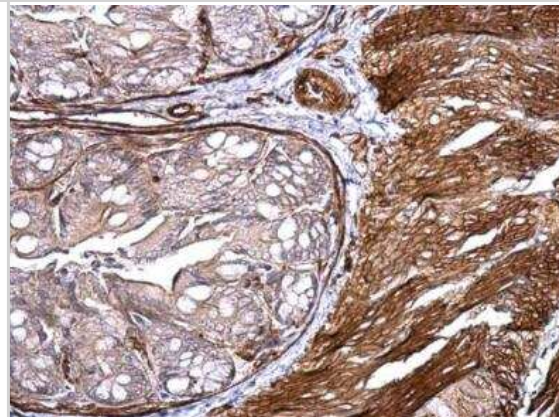
Western Blot: MCAM/CD146 Antibody [NBP2-15778] - A. 30 ug HUVEC whole cell lysate/extract 7.5 % SDS-PAGE CD146 antibody [C1C3] dilution: 1:10000



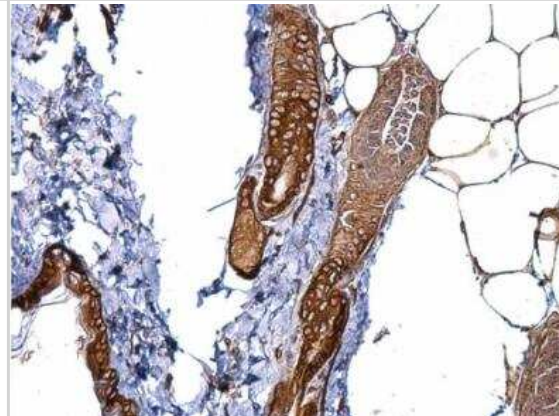
Immunohistochemistry-Paraffin: MCAM/CD146 Antibody [NBP2-15778] - J5 xenograft, using CD146 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



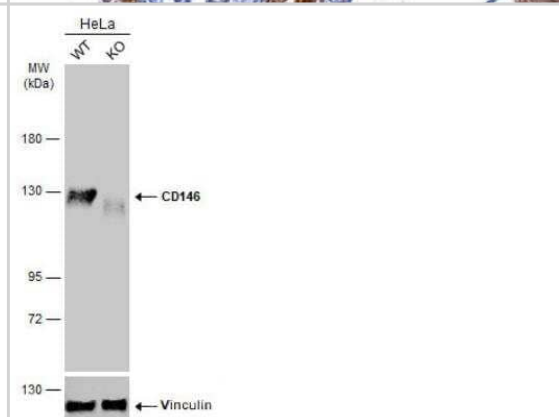
Immunohistochemistry-Paraffin: MCAM/CD146 Antibody [NBP2-15778] - Mouse colon. CD146 antibody [C1C3] dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: MCAM/CD146 Antibody [NBP2-15778] - Mouse skin. CD146 antibody [C1C3] dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: MCAM/CD146 Antibody [NBP2-15778] - Wild-type (WT) and CD146 knockout (KO) HeLa cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with CD146 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

England CG, Jiang D, Hernandez R et al. ImmunoPET Imaging of CD146 in Murine Models of Intrapulmonary Metastasis of Non-Small Cell Lung Cancer Mol Pharm 2017-08-22 [PMID: 28825843] (Mouse)



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Products Related to NBP2-15778

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-88132PEP	MCAM/CD146 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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