

Product Datasheet

MCAM/CD146 Antibody (CL12855) - Azide and BSA Free NBP3-44171

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-44171

MCAM/CD146 Antibody (CL12855) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL12855
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description

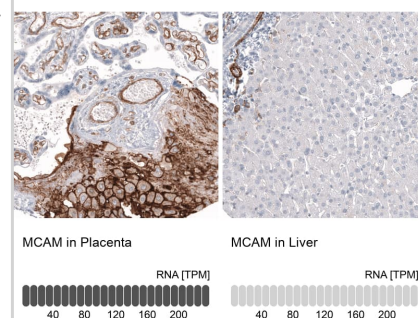
Host	Mouse
Gene ID	4162
Gene Symbol	MCAM
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P43121, with the exact immunogen sequence remaining proprietary.

Product Application Details

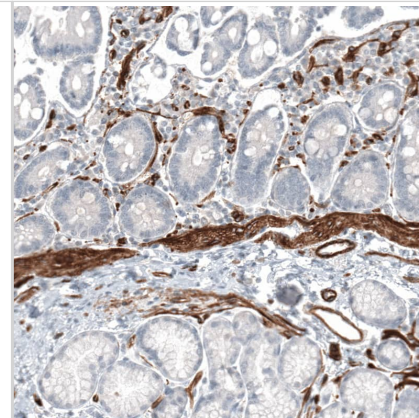
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

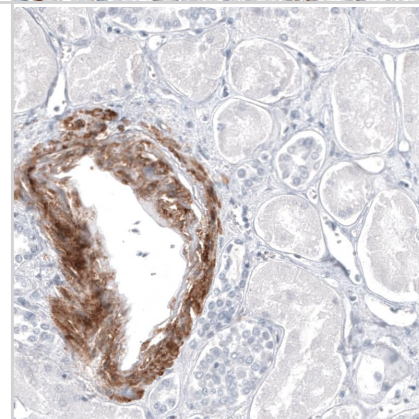
Analysis in human placenta and liver tissues using NBP3-44171 antibody. Corresponding MCAM/CD146 RNA-seq data are presented for the same tissues.



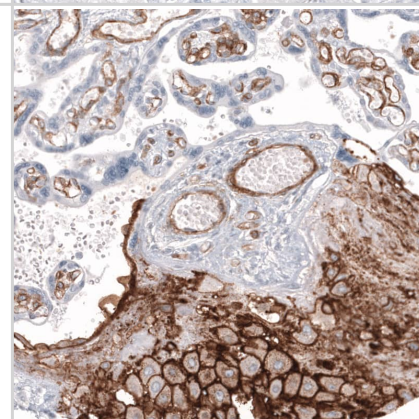
Staining of human duodenum shows strong cytoplasmic positivity in smooth muscle cells.



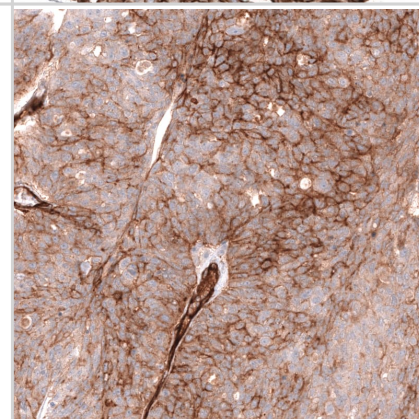
Staining of human kidney shows moderate positivity in blood vessels.



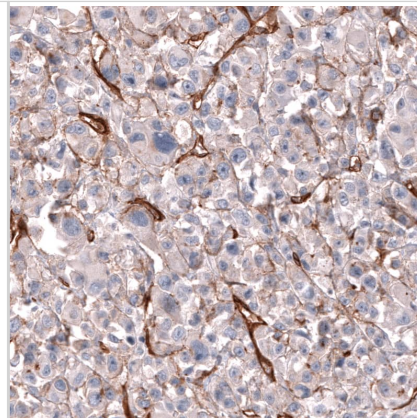
Staining of human placenta shows strong membranous positivity in decidual cells, as well as positivity in endothelial cells.



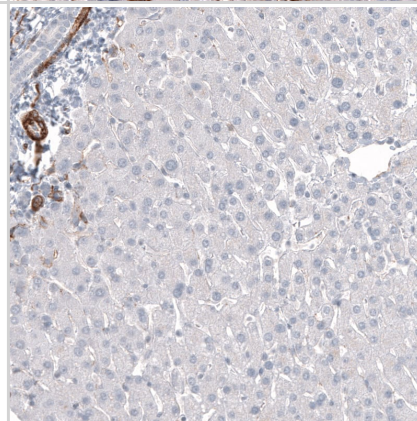
Staining of human ovarian cancer (high grade serous carcinoma) shows moderate to strong membranous positivity in tumor cells.



Staining of human malignant melanoma shows moderate membranous positivity in tumor cells.



Staining of human liver shows no positivity in hepatocytes as expected.





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Products Related to NBP3-44171

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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