

Product Datasheet

LAMC2 Antibody (CL2980) - Azide and BSA Free NBP3-44421

Unit Size: 100 ug

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

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NBP3-44421

LAMC2 Antibody (CL2980) - 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	CL2980
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

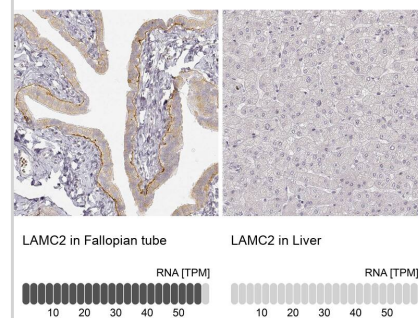
Product Description	
Description	Novus Biologicals Mouse LAMC2 Antibody (CL2980) - Azide and BSA Free (NBP2-42388) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3918
Gene Symbol	LAMC2
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of Q13753, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

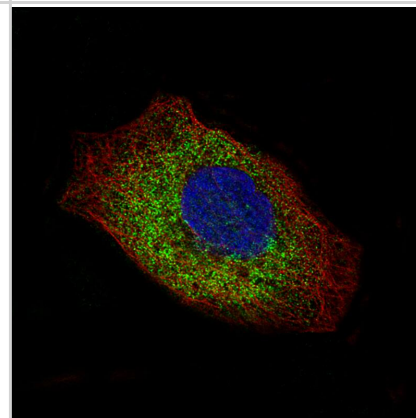


Images

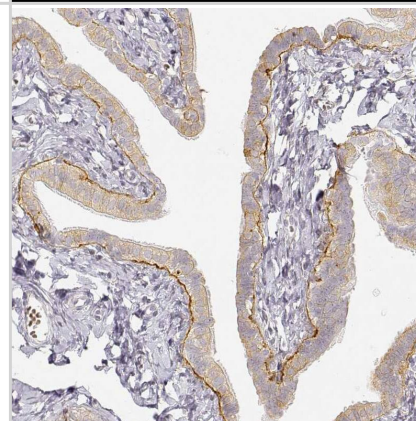
Analysis in human fallopian tube and liver tissues using NBP3-44421 antibody. Corresponding LAMC2 RNA-seq data are presented for the same tissues.



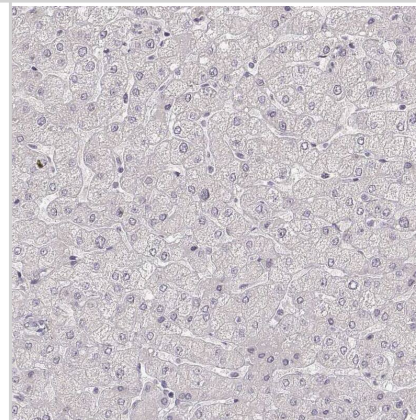
Staining of A-431 cells using the Anti-LAMC2 monoclonal antibody) .



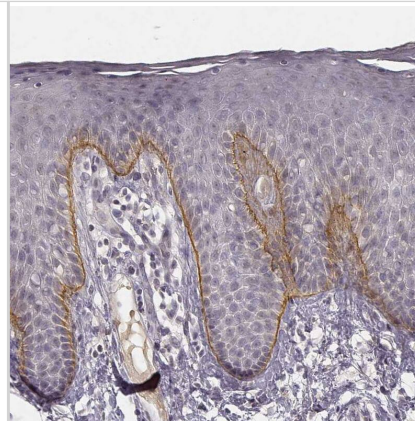
Staining of human fallopian tube shows moderate positivity in basement membrane of glandular cells.



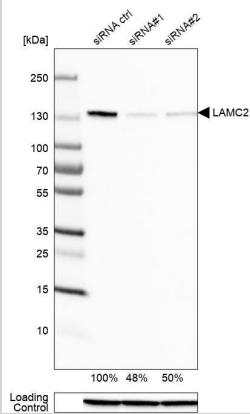
Staining of human liver shows no positivity in hepatocytes as expected.



Staining of human skin shows moderate positivity in basement membrane of epidermis.



Analysis in A-431 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-LAMC2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Analysis of purified human recombinant Laminin-332, Laminin-421, Laminin-511, Laminin-121 and Laminin-221.



Staining of human small intestine shows moderate positivity in basement membrane of glandular cells.





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Products Related to NBP3-44421

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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