

Product Datasheet

Laminin beta 3 Antibody (CL3353) - Azide and BSA Free NBP3-43799

Unit Size: 100 ug

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

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NBP3-43799

Laminin beta 3 Antibody (CL3353) - 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	CL3353
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

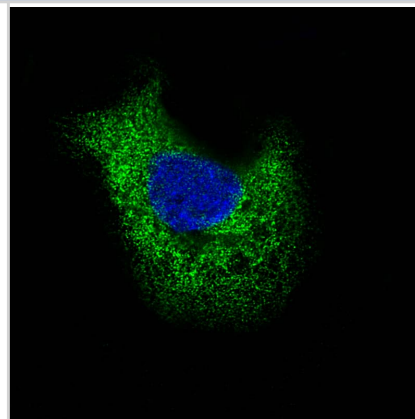
Host	Mouse
Gene ID	3914
Gene Symbol	LAMB3
Species	Human, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of Q13751, with the exact immunogen sequence remaining proprietary.

Product Application Details

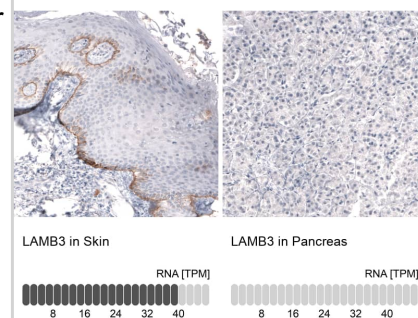
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.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

Images

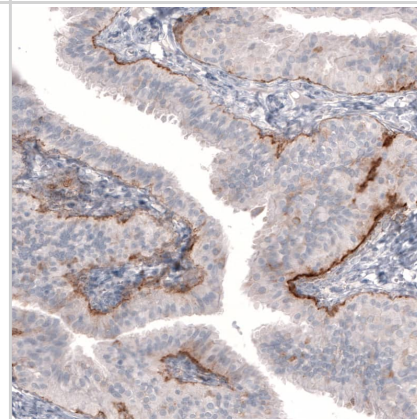
Staining of A-431 cells using the Anti-Laminin beta 3 monoclonal antibody) .



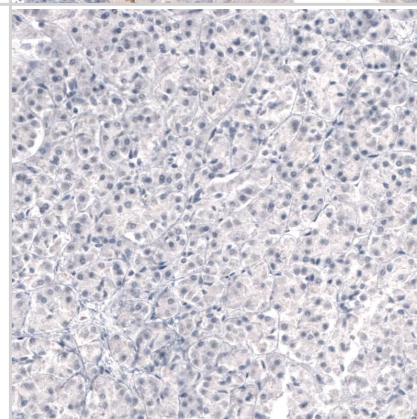
Analysis in human skin and pancreas tissues using NBP3-43799 antibody. Corresponding Laminin beta 3 RNA-seq data are presented for the same tissues.



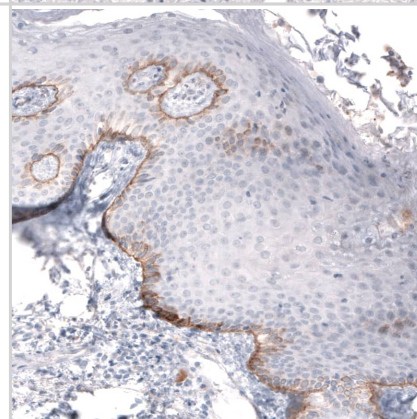
Staining of human fallopian tube shows moderate to strong positivity in basement membrane of glandular cells.



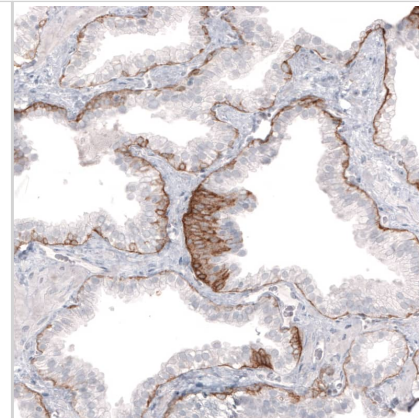
Staining of human pancreas shows no positivity in glandular cells as expected.



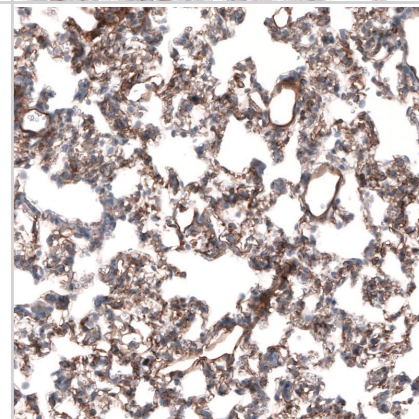
Staining of human skin shows moderate positivity in the basement membrane of the basal layer of epidermal cells.



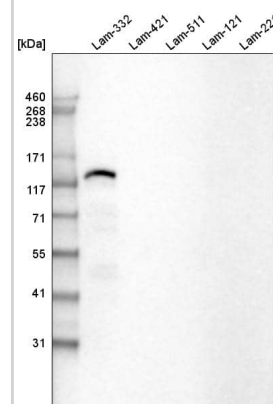
Staining of human prostate shows moderate to strong positivity in basement membrane of glandular cells.



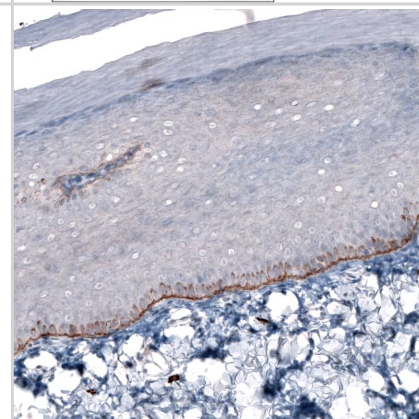
Staining of rat lung shows moderate to strong positivity in basement membrane of pneumocytes.



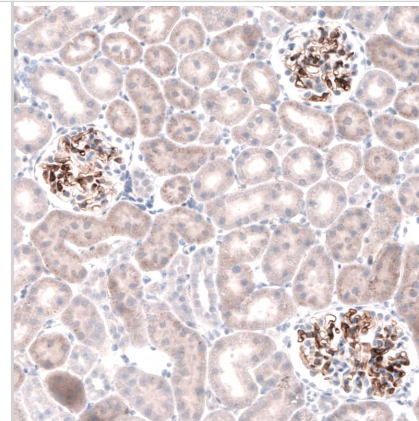
Analysis of purified human recombinant Laminin-332, Laminin-421, Laminin-511, Laminin-121 and Laminin-221.



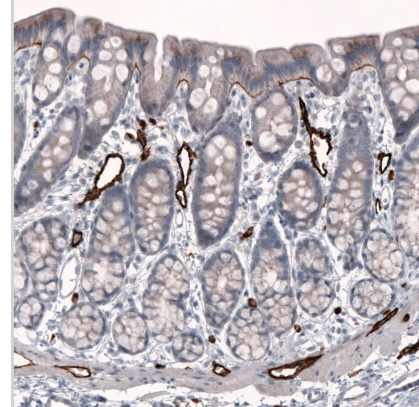
Staining of rat skin shows moderate to strong positivity in basement membrane basal epidermal cells.



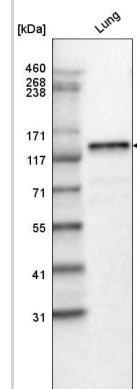
Staining of rat kidney shows strong positivity in basement membrane in cells in glomeruli.



Staining of rat rectum shows moderate positivity in basement membrane of glandular cells, as well as strong positivity in endothelial cells.



Analysis in human lung tissue.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-43799

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)
H00003914-Q01-10ug	Recombinant Human Laminin beta 3 GST (N-Term) Protein

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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