

Product Datasheet

Laminin alpha 5 Antibody (CL3118) - Azide and BSA Free NBP3-44417

Unit Size: 100 ul

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

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NBP3-44417

Laminin alpha 5 Antibody (CL3118) - Azide and BSA Free

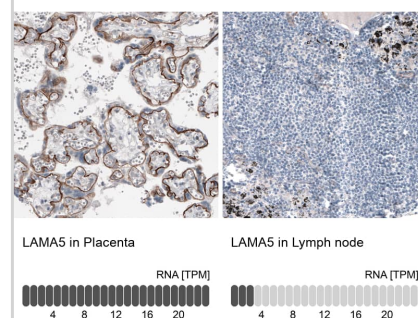
Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3118
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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	3911
Gene Symbol	LAMA5
Species	Human, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:32157808).
Immunogen	This antibody was generated using a recombinant protein sequence of O15230, with the exact immunogen sequence remaining proprietary.

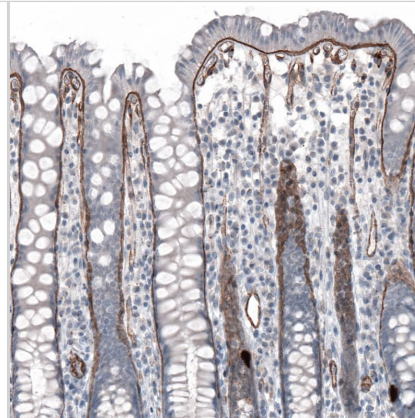
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

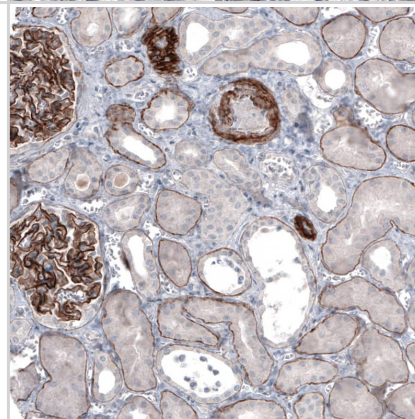
Analysis in human placenta and lymph node tissues using NBP3-44417 antibody. Corresponding Laminin alpha 5 RNA-seq data are presented for the same tissues.



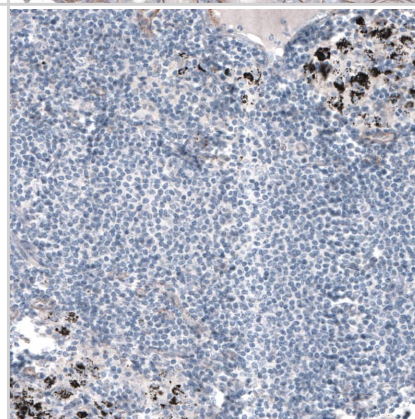
Staining of human colon shows moderate positivity in basement membrane of glandular cells.



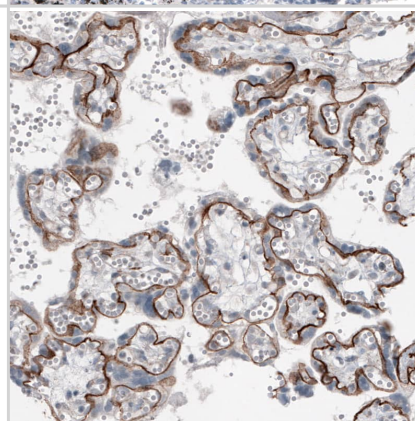
Staining of human kidney shows strong membranous positivity in glomeruli, as well as in basement membrane of renal tubules.



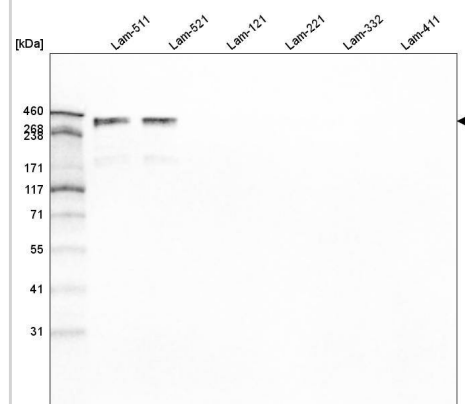
Staining of human lymph node shows no positivity in lymphoid cells as expected.



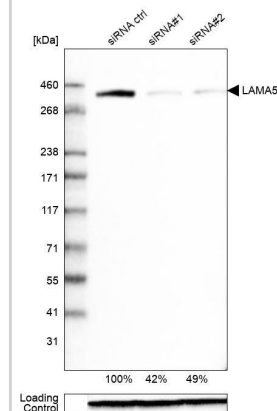
Staining of human placenta shows moderate positivity in basement membrane of trophoblastic cells.



Analysis of purified human recombinant Laminin-511, Laminin-521, Laminin-121, Laminin-221, Laminin-332 and Laminin-411.



Analysis in Caco-2 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-Laminin alpha 5 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.





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Products Related to NBP3-44417

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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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