

# Product Datasheet

## LAMC2 Antibody (CL2980) - BSA Free NBP2-42388

Unit Size: 0.1 ml

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

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### Publications: 4

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Updated 2/1/2026 v.20.1

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**NBP2-42388**

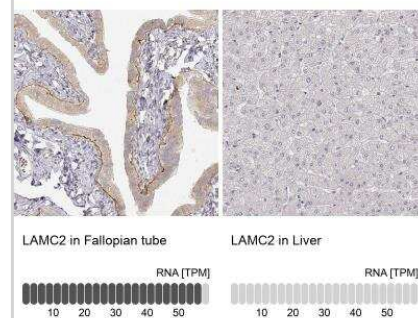
LAMC2 Antibody (CL2980) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL2980
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse LAMC2 Antibody (CL2980) - BSA Free (NBP2-42388) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-LAMC2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3918
<b>Gene Symbol</b>	LAMC2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Expected to cross react based on sequence identity: Mouse (83%).
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from Q13753, with the exact immunogen sequence remaining proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
<b>Application Notes</b>	IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

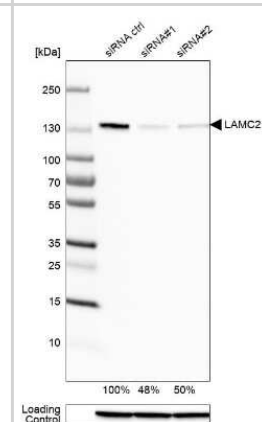


## Images

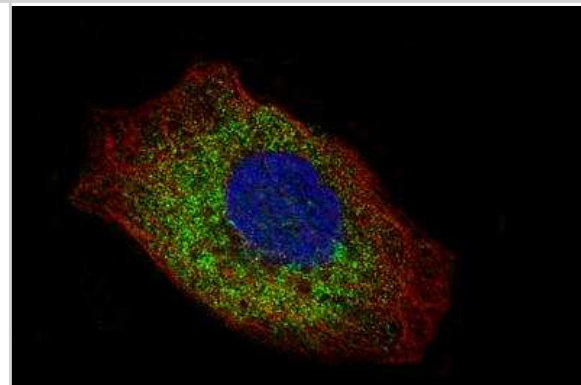
Immunohistochemistry-Paraffin: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining in human fallopian tube and liver tissues. Corresponding LAMC2 RNA-seq data are presented for the same tissues.



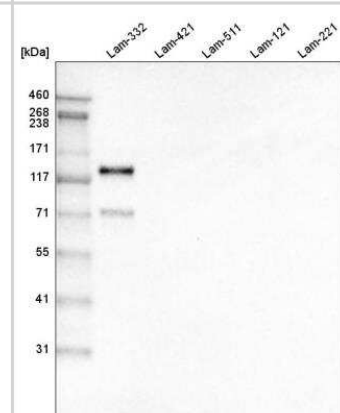
Western Blot: LAMC2 Antibody (CL2980) [NBP2-42388] - Analysis in A-431 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-LAMC2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



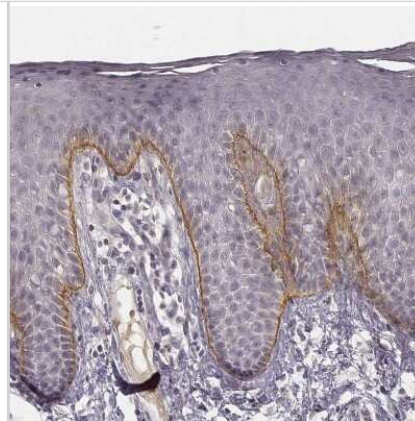
Immunocytochemistry/Immunofluorescence: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining of A-431 cells using the Anti-LAMC2 monoclonal antibody, showing specific staining in the cytosol in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



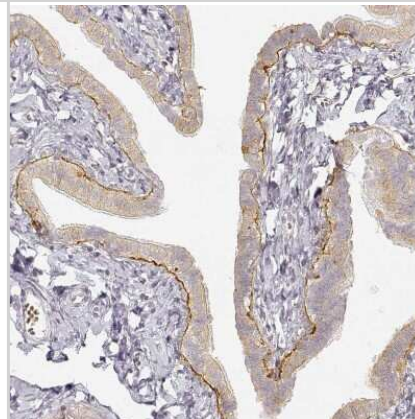
Western Blot: LAMC2 Antibody (CL2980) [NBP2-42388] - Analysis of purified human recombinant Laminin-332, Laminin-421, Laminin-511, Laminin-121 and Laminin-221.



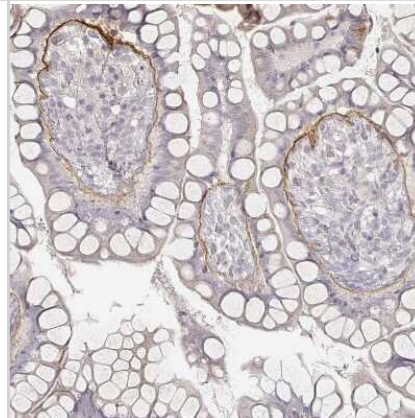
Immunohistochemistry-Paraffin: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining of human skin shows moderate positivity in basement membrane of epidermis.



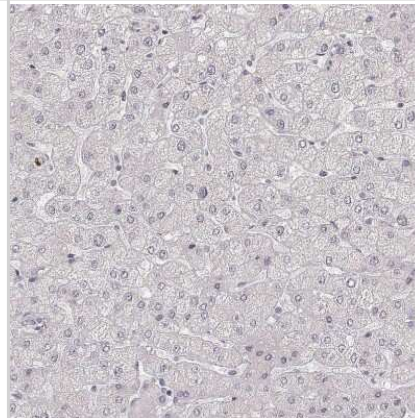
Immunohistochemistry-Paraffin: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining of human fallopian tube shows moderate positivity in basement membrane of glandular cells.



Immunohistochemistry-Paraffin: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining of human small intestine shows moderate positivity in basement membrane of glandular cells.



Immunohistochemistry-Paraffin: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining of human liver shows no positivity in hepatocytes as expected.



## Publications

Gavish A, Tyler M, Greenwald AC et al. Hallmarks of transcriptional intratumour heterogeneity across a thousand tumours Nature 2023-06-01 [PMID: 37258682]

Ravillah D, Kieber-Emmons AL, Singh S et al. Discovery and Initial Characterization of Long Intergenic Non-coding RNAs Associated with Esophageal Adenocarcinoma Gastroenterology 2023-05-12 [PMID: 37182784] (Western Blot)

Parikh AS, Puram SV, Faquin WC et al. Immunohistochemical quantification of partial-EMT in oral cavity squamous cell carcinoma primary tumors is associated with nodal metastasis Oral Oncol. 2019-11-05 [PMID: 31704557] (IHC-P, IF/IHC, Human)

Puram Sidharth V, Tirosh Itay, Parikh Anuraag S et al. Single-Cell Transcriptomic Analysis of Primary and Metastatic Tumor Ecosystems in Head and Neck Cancer. Cell 2018-12-14 [PMID: 29198524] (IF/IHC, Human)





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### **Products Related to NBP2-42388**

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NBP2-42388PEP	LAMC2 Recombinant Protein Antigen
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)

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### **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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