# Product Datasheet

## Laminin Antibody (LAM-89)
## NB600-883

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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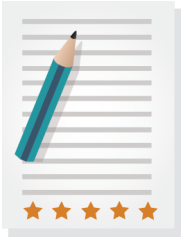
**Publications: 5**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB600-883

Updated 1/14/2026 v.20.1





# NB600-883

Laminin Antibody (LAM-89)

| Product Information | |
|---|---|
| **Unit Size** | 0.1 ml |
| **Concentration** | This product is unpurified. The exact concentration of antibody is not quantifiable. |
| **Storage** | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| **Clonality** | Monoclonal |
| **Clone** | LAM-89 |
| **Preservative** | 0.09% Sodium Azide |
| **Isotype** | IgG1 |
| **Purity** | Unpurified |
| **Buffer** | Ascites |
| **Target Molecular Weight** | 337 kDa |

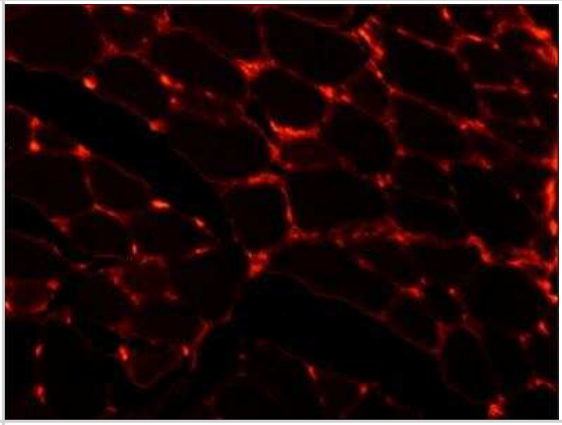
| Product Description | |
|---|---|
| **Description** | Novus Biologicals Mouse Laminin Antibody (LAM-89) (NB600-883) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Laminin Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| **Host** | Mouse |
| **Gene ID** | 284217 |
| **Gene Symbol** | LAMA1 |
| **Species** | Human, Mouse, Porcine, Feline, Fish, Canine (Negative), Chicken (Negative), Guinea Pig (Negative), Goat (Negative), Rabbit (Negative), Reptile (Negative), Rat (Negative), Sheep (Negative) |
| **Reactivity Notes** | Should not react with carp, lizard, frog, snake. Stains basal membranes of human, pig and cat. Fish reactivity reported in scientific literature (PMID: 26517388). Human and mouse reactivity reported in scientific literature. |
| **Marker** | Basement Membrane Marker |
| **Specificity/Sensitivity** | Laminin Antibody (LAM-89) specificity was determined by immunoperoxidase and immunofluorescent labeling of protease-digested, formalin-fixed, paraffin-embedded human or animal tissue sections, localizing specifically the basal membrane of blood vessels, epithelium, nerve, and muscle tissues. Localizes specifically in the basal membrane of blood vessels, epithelium, nerve and muscle fibers. Shows no cross-reaction with collagen type IV, fibronectin, vitronectin or chondroitin sulfates type A, B and C using a dot blot immunoassay. This antibody may be used for identification of laminin in various human tissues and bodily fluids. |
| **Immunogen** | Laminin Antibody (LAM-89) is derived from the hybridoma produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse. |

| Product Application Details | |
|---|---|
| **Applications** | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| **Recommended Dilutions** | Western Blot, ELISA, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:1000 |

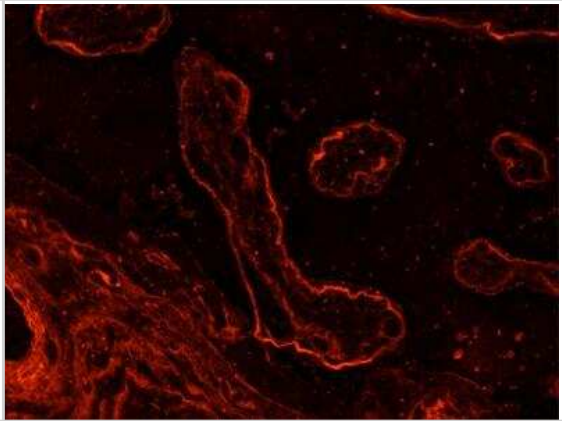
| | |
|---|---|
| **Application Notes** | Use in ICC/IF reported in scientific literature. Use in IHC-P reported in scientific literature (PMID: 26517388). Can be used for protease-digested formalin-fixed, paraffin embedded human or animal tissue sections. Localizes the basal membrane of blood vessels, epithelium, nerve, and muscle fibers. IHC-P: This concentration was determined by immunoperoxidase staining of protease-digested human tissue. Antigen unmasking is critical in using this product. Optimal dilutions/concentrations should be determined by the end user. indirect ELISA: suitable |

## Images

Immunohistochemistry: Laminin Antibody (LAM-89) [NB600-883] - Formalin-fixed, paraffin-embedded human tongue section, enzyme-treated was stained with 1:2,000 Monoclonal Anti-Laminin Clone: LAM-89. The antibody was developed using Goat Anti-Mouse IgG, Cy3 conjugate.



Immunohistochemistry: Laminin Antibody (LAM-89) [NB600-883] - Analysis in human placenta section with Laminin Antibody (LAM-89) [NB600-883]



## Publications


Taye N, Singh M, Baldock C, Hubmacher D Secreted ADAMTS-like 2 promotes myoblast differentiation by potentiating WNT signaling Matrix biology : journal of the International Society for Matrix Biology 2023-06-01 [PMID: 37187448] (IHC, Mouse)

Khan M, Ashraf M Human iPS Cells Derived Skeletal Muscle Progenitor Cells Promote Myoangiogenesis and Restore Dystrophin in Duchenne Muscular Dystrophic Mice Stem Cell Res Ther 2021-02-13 [PMID: 33579366]

Lau S, Gossen M, Lendlein A, Jung F Venous and Arterial Endothelial Cells from Human Umbilical Cords: Potential Cell Sources for Cardiovascular Research International journal of molecular sciences 2021-01-19 [PMID: 33478148] (ICC/IF, Human)

Balan E, De Groote E, Bouillon M et al. No effect of the endurance training status on senescence despite reduced inflammation in skeletal muscle of older individuals Am. J. Physiol. Endocrinol. Metab. 2020-07-21 [PMID: 32691630] (ICC/IF, Human)

Gurcu B, Koca YB, Ozkut M, Tuglu MI. Matrix changes due to the toxic effects of metronidazole in intestinal tissue of fish (Onchorhynchus mykiss). Chemosphere. 2015-10-24 [PMID: 26517388] (IHC-P, Fish)

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## Products Related to NB600-883

| | |
|---|---|
| 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.

**For more information on our 100% guarantee, please visit www.novusbio.com/guarantee**

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