

Product Datasheet

Laminin beta 1 Antibody - BSA Free NB120-6571

Unit Size: 0.1 mg

Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.

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NB120-6571**Laminin beta 1 Antibody - BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0

Product Description	
Description	This antibody has been prepared by immunoaffinity chromatography using immobilized human placental laminin followed by extensive cross-adsorption against human serum proteins and collagen and non-collagen extracellular matrix proteins to remove any unwanted specificities Store vial at 4C prior to opening. This product is stable at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, mix with an equal volume of glycerol, aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.
Host	Rabbit
Gene ID	3912
Gene Symbol	LAMB1
Species	Human
Reactivity Notes	This antibody reacts with most mammalian Laminin beta 1s and has negligible cross-reactivity with Type I, II, III, IV, V or VI Collagens or Fibronectin. Non-specific cross-reaction of anti-Laminin beta 1 antibodies with other human serum proteins or non-Laminin beta 1 extracellular matrix proteins is negligible.
Marker	Schwann Cell Marker
Specificity/Sensitivity	Typically less than 1% cross-reactivity against other extracellular matrix proteins was detected by ELISA against purified standards. This antibody reacts with most mammalian Laminin beta 1s and has negligible cross-reactivity with Type I, II, III, IV, V or VI Collagens or Fibronectin. Non-specific cross-reaction of anti-Laminin beta 1 antibodies with other human serum proteins or non-Laminin beta 1 extracellular matrix proteins is negligible.
Immunogen	Laminin beta 1 Antibody was produced by repeated immunizations with a mixture of synthetic peptides corresponding to regions of adherence on laminin. (Uniprot: P07942)

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:4000-1:8000, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunoprecipitation 1:100, Immunohistochemistry-Paraffin 1:10-1:500, Dot Blot



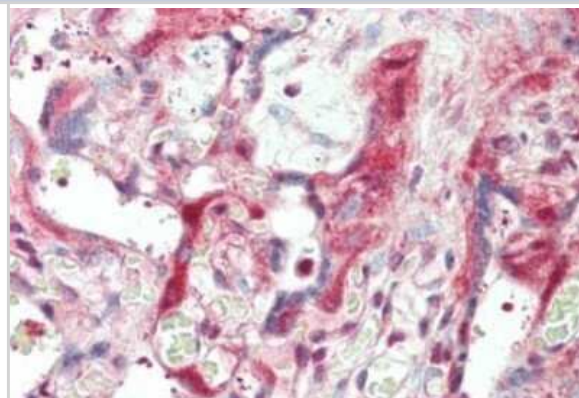
Application Notes

This product has been tested by IHC and was assayed by immunoblot and found to be reactive against Laminin at a dilution of 1:5,000 to 1:10,000. Anti-Laminin (Human) (RABBIT) Antibody was also assayed against 1.0 ug of Laminin in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:8,000 of the stock concentration is suggested for this product. For immunohistochemistry on paraffin embedded tissue dilute the product 1:50 to 1:200. Specific conditions should be optimized by researcher.

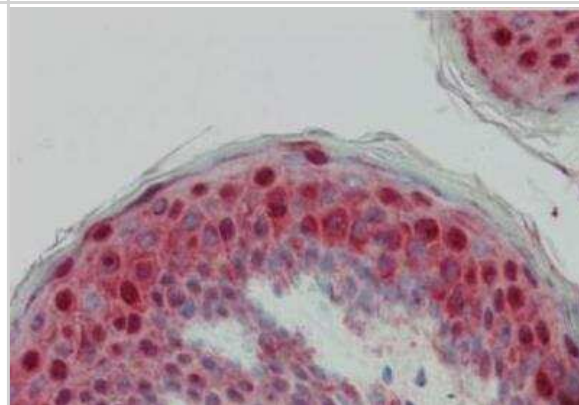


Images

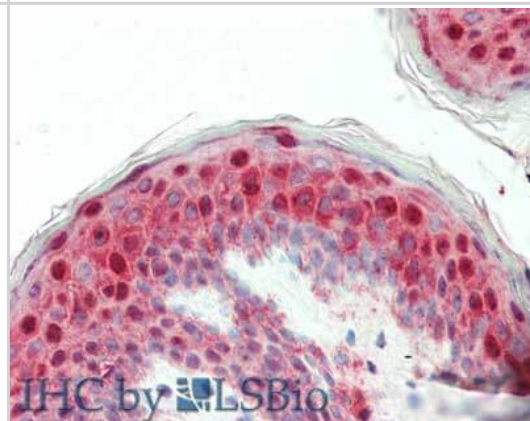
Immunohistochemistry: Laminin beta 1 Antibody [NB120-6571] - Tissue: skin. Fixation: formalin fixed paraffin embedded. Primary antibody: Anti-Laminin at 5 ug/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: Laminin as precipitated red signal with hematoxylin purple nuclear counterstain.



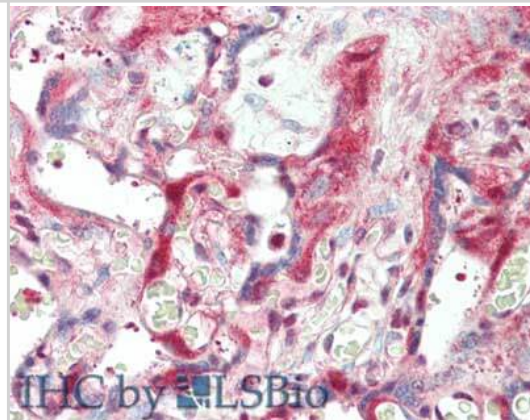
Immunohistochemistry: Laminin beta 1 Antibody [NB120-6571] - Tissue: Placenta. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Incubated at 5 ug/mL for 1 h at RT.



Immunohistochemistry of Laminin beta 1 Antibody. Tissue: human placenta. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-Laminin at 5 ug/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: Laminin as precipitated red signal with hematoxylin purple nuclear counterstain.



Immunohistochemistry of Laminin beta 1 Antibody. Tissue: human skin. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-Laminin at 5 ug/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: Laminin as precipitated red signal with hematoxylin purple nuclear counterstain.





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Products Related to NB120-6571

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-42385PEP	Laminin beta 1 Recombinant Protein Antigen

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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