

## Product Datasheet

### Laminin Antibody (orb345361)

<b>Catalog Number</b>	orb345361
<b>Description</b>	Laminin antibody
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ELISA, IHC, IP, WB
<b>Immunogen</b>	Anti-Laminin Antibody was produced by repeated immunizations with a mixture of synthetic peptides corresponding to regions of adherence on laminin.
<b>Preservatives</b>	0.01% (w/v) Sodium Azide
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	1.0 mg/mL
<b>Storage</b>	Store vial at 4° C prior to opening. This product is stable at 4° C 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 -20° C or below. Avoid cycles of freezing and thawing.
<b>Note</b>	For research use only

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**Application notes**

Anti-Laminin (RABBIT) Antibody 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 µg of Laminin in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 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.

**Isotype**

IgG

**Clonality**

Polyclonal

**Antibody Type**

Primary Antibody

**Purity**

Anti-Laminin 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. Typically less than 1% cross-reactivity against other extracellular matrix proteins was detected by ELISA against purified standards. This antibody reacts with most mammalian Laminins and has negligible cross-reactivity with Type I, II, III, IV, V or VI Collagens or Fibronectin. Non-specific cross-reaction of anti-Laminin antibodies with other human serum proteins or non-Laminin extracellular matrix proteins is negligible.

**Uniprot ID****P07942****NCBI****AAA59486.1****Dilution Range**

ELISA: 1:4,000 - 1:8,000, IHC: 1:50 - 1:200, IP: 1:100, WB: 1:500 - 1:2,000

**Expiration Date**

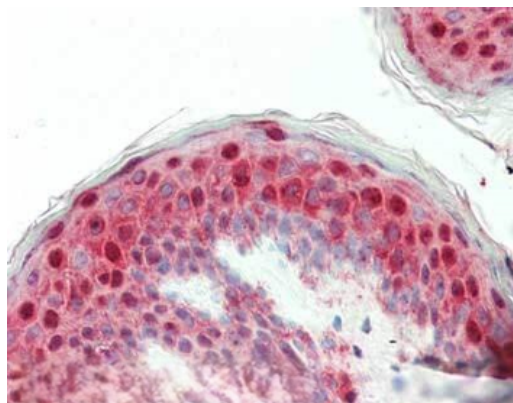
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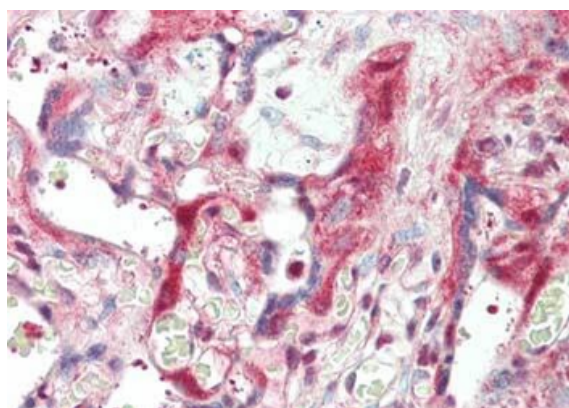
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Immunohistochemistry of rabbit anti-Laminin antibody. Tissue: human placenta. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-Laminin at 5 µg/ml for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10000 for 45 min at RT. Staining: Laminin as precipitated red signal with hematoxylin purple nuclear counterstain.



Immunohistochemistry of rabbit anti-Laminin antibody. Tissue: human skin. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-Laminin at 5 µg/ml for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10000 for 45 min at RT. Staining: Laminin as precipitated red signal with hematoxylin purple nuclear counterstain.

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