

**Anti-Laminin (RABBIT) Antibody Biotin Conjugated - 600-406-116**
**Code:** 600-406-116

**Size:** 100 µg

**Product Description:** Anti-Laminin (RABBIT) Antibody Biotin Conjugated - 600-406-116

**Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Lyophilized

<b>Label</b>	Biotin
<b>Host</b>	Rabbit
<b>Gene Name</b>	LAMA1/LAMB1
<b>Species Reactivity</b>	human
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	100 µL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	Store vial at 4° C prior to restoration. Restore with 1.0 mL of deionized water (or equivalent). For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Synonyms</b>	rabbit anti-Laminin antibody biotin conjugation, biotin conjugated rabbit anti-Laminin antibody, LAMA1 antibody, LAMB1 antibody, Laminin A chain antibody, Laminin alpha 1 antibody, Laminin alpha 1 chain antibody, Laminin B1 chain antibody, Laminin subunit beta 1 antibody
<b>Application Note</b>	Anti-Laminin biotin conjugated antibody is suitable for western blotting, IHC, IP and for ELISA and for use with streptavidin reporter reagents. Researchers should determine optimal titers for applications that are not stated below.
<b>Background</b>	Anti-Laminin (biotin conjugated) detects laminin. The biotin conjugation makes anti-laminin antibody suitable for use with streptavidin detection systems. Laminins are an important and biologically active part of the basal lamina, influencing cell differentiation, migration, adhesion as well as phenotype and survival. The laminins are a family of glycoproteins that are an integral part of the structural scaffolding in almost every tissue of an organism. They are secreted and incorporated into cell-associated extracellular matrices. Defective laminins can cause muscles to form improperly, leading to a form of muscular dystrophy, lethal skin blistering disease and defects of the kidney filter. Anti-Laminin Antibody is ideal for investigators involved in Cell Signaling and Signal Transduction research.
<b>Purity And Specificity</b>	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.
<b>ELISA</b>	1:20,000 - 1:100,000
<b>Western Blot</b>	1:2,000 - 1:10,000
<b>Immunohistochemistry</b>	1:1,000 - 1:5,000
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Non-reduced 400 kDa human laminin. Immunization occurred after purity assessment of native protein in non-reducing SDS-PAGE system.
<b>General Reference</b>	Timpl R et al. (1979). "Laminin – a glycoprotein from basement membranes". J Biol Chem 254 (19): 9933–7
<b>Related Products</b>	

600-401-116-0.1 Anti-Laminin (Human) (RABBIT) Antibody - 600-401-116-0.1

600-401-116-0.5	Anti-Laminin (Human) (RABBIT) Antibody - 600-401-116-0.5
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304

#### Related Links

NCBI - AAA59486.1

<http://www.ncbi.nlm.nih.gov/protein/AAA59486.1>

UniProtKB - P07942 <http://www.uniprot.org/uniprot/P07942>

GeneID - 3912

#### Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.