


Product datasheet

Anti-Laminin antibody ab11575

★★★★★ 71 Abreviews 458 References 4 Images

Overview

Product name	Anti-Laminin antibody
Description	Rabbit polyclonal to Laminin
Host species	Rabbit
Specificity	In dot blot immunoassay this antibody does not react with Fibronectin, Vitronectin, Collagen IV, or Chondroitin sulfate types A, B, and C.
Tested applications	Suitable for: Dot blot, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Horse, Dog, Pig, Xenopus laevis, Reptile, Mammals, Amphibian 
Immunogen	Full length native protein (purified) corresponding to Laminin. The immunogen is laminin isolated from the basement membrane of Englebreth Holm-Swarm (EHS) mouse sarcoma.
General notes	Storage in frost-free freezers is not recommended. If slight turbidity occurs upon prolonged storage, clarify by centrifugation before use. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: 0.027% PBS, 1% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab11575 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Dot blot		1/1000. This concentration was determined using laminin at 50 ng per dot.
IHC-P	★★★★★ (27)	Use at an assay dependent concentration.

Target

Function Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.

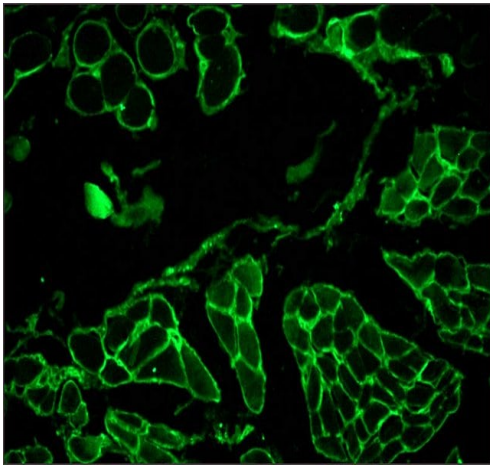
Tissue specificity Broadly expressed in: skin, heart, lung, and the reproductive tracts.

Sequence similarities Contains 11 laminin EGF-like domains.
Contains 1 laminin IV type A domain.
Contains 1 laminin N-terminal domain.

Domain The alpha-helical domains I and II are thought to interact with other laminin chains to form a coiled coil structure.
Domain IV is globular.

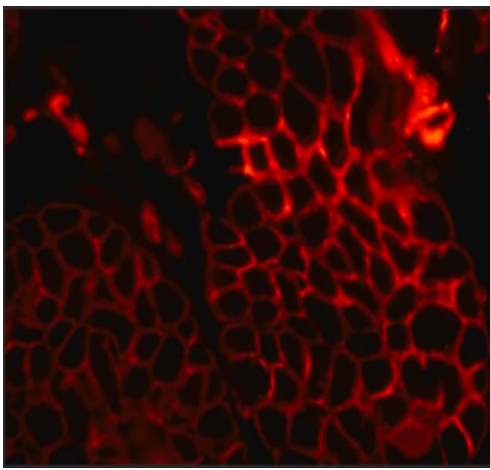
Cellular localization Secreted > extracellular space > extracellular matrix > basement membrane.

Images



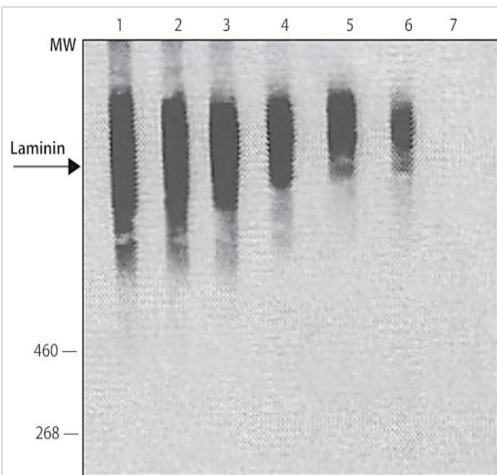
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Laminin antibody (ab11575)

Immunohistochemical analysis of formalin fixed paraffin-embedded human tongue sections labeling Laminin with ab11575 at 1/30 dilution. Goat Anti-Rabbit IgG, FITC conjugate was used as secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Laminin antibody (ab11575)

Immunohistochemical analysis of formalin fixed paraffin-embedded human tonsil sections labeling Laminin with ab11575 at 1/50 dilution. Goat Anti-Rabbit IgG, Cy3™ conjugate was used as secondary antibody.



Dot Blot - Anti-Laminin antibody (ab11575)

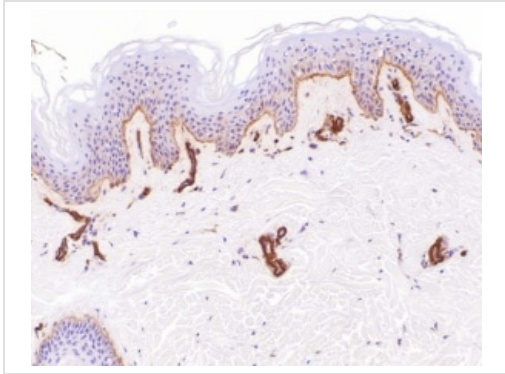
Immunoblotting

Laminin from Engelbreth-Holm-Swarm murine sarcoma basement membrane was separated on SDS-PAGE and probed with Rabbit Anti-Laminin ab11575. The antibody was developed using Goat Anti-Rabbit IgG-Peroxidase secondary antibody and a chemiluminescent substrate.

Lanes

1. antibody dilution 1/1,000
2. antibody dilution 1/2,000
3. antibody dilution 1/4,000
4. antibody dilution 1/8,000
5. antibody dilution 1/16,000
6. antibody dilution 1/32,000

7. Negative control: without primary antibody



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Laminin antibody (ab11575)

This image shows formalin fixed paraffin embedded human skin stained for Laminin (proteinase K digestion, anti-laminin 1:200 – 30 minutes RT). The picture was kindly supplied as part of the review submitted by Elizabeth Chlipala.

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