


Anti-Laminin gamma 1 antibody ab69632

[5 References](#) [1 Image](#)

Overview

Product name	Anti-Laminin gamma 1 antibody
Description	Rabbit polyclonal to Laminin gamma 1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthesized peptide derived from the internal region of human Laminin gamma 1.
Positive control	Extracts from HUVEC cells
General notes	<p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS</p> <p>Without Mg2+ and Ca2+</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab69632 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
WB		1/500 - 1/1000. Detects a band of approximately >170 kDa (predicted molecular weight: 178 kDa).

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

Found in the basement membranes (major component).

Sequence similarities

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

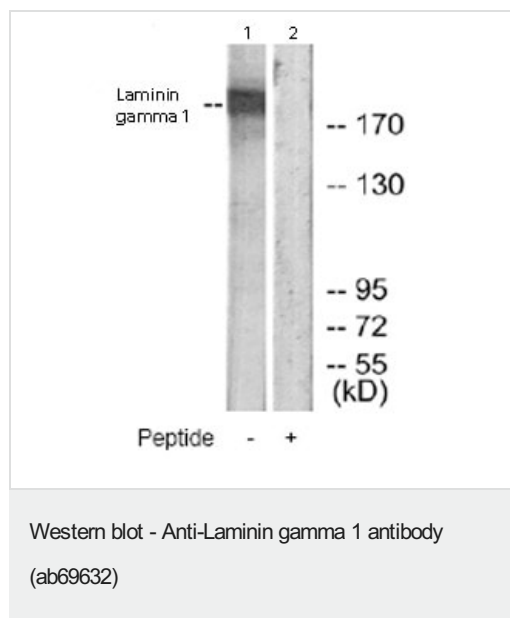
Domain

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

Cellular localization

Secreted > extracellular space > extracellular matrix > basement membrane.

Images



All lanes : Anti-Laminin gamma 1 antibody (ab69632) at 1/500 dilution

Lane 1 : extracts from HUVEC cells

Lane 2 : extracts from HUVEC cells with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 178 kDa

Observed band size: >170 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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