

### Anti-Laminin gamma 3 antibody [EPR22699-151] ab234429

**重组** RabMAb

**2 References**   **7 图像**

#### 概述

产品名称	Anti-Laminin gamma 3抗体[EPR22699-151]
描述	兔单克隆抗体[EPR22699-151] to Laminin gamma 3
宿主	Rabbit
经测试应用	<b>适用于:</b> IHC-Fr, Flow Cyt (Intra), IHC-P, WB <b>不适用于:</b> ICC/IF
种属反应性	<b>与反应:</b> Mouse
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Mouse testis and Mouse kidney lysates. IHC-P: Mouse testis, Mouse cerebrum and Mouse lung tissues. Flow Cyt (intra): RAW 264.7 cells. IHC-fr: Mouse testis tissue.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR22699-151

同种型

IgG

应用

The Abpromise guarantee

**Abpromise™**承诺保证使用ab234429于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr		1/100.
Flow Cyt (Intra)		1/50.
IHC-P		1/500.
WB		1/1000. Predicted molecular weight: 171 kDa.

应用说明

Is unsuitable for ICC/IF.

靶标

功能

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.

组织特异性

Strongly expressed in capillaries and arterioles of kidney as well as in interstitial Leydig cells of testis.

序列相似性

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

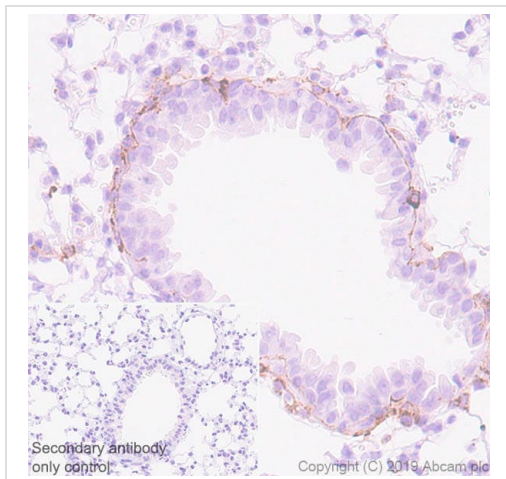
结构域

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.

细胞定位

Secreted, extracellular space, extracellular matrix, basement membrane.

图片

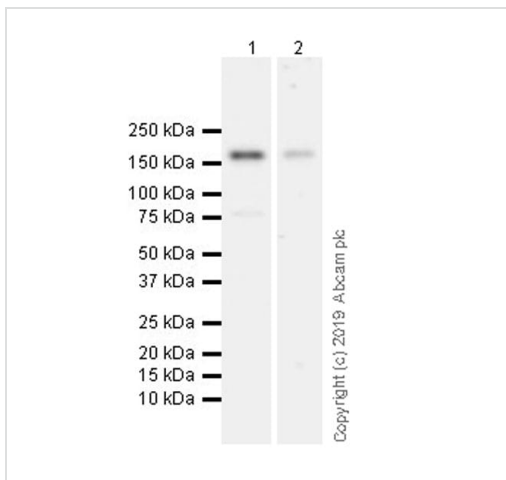


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Laminin gamma 3 antibody [EPR22699-151] (ab234429)

Immunohistochemical analysis of paraffin-embedded Mouse lung tissue labeling Laminin gamma 3 with ab234429 at 1/500 followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining on the basement membrane in the mouse lung is observed. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).



Western blot - Anti-Laminin gamma 3 antibody [EPR22699-151] (ab234429)

**All lanes :** Anti-Laminin gamma 3 antibody [EPR22699-151] (ab234429) at 1/10000 dilution

**Lane 1 :** Mouse testis tissue lysate 20 µg

**Lane 2 :** Mouse kidney tissue lysate 20 µg

#### Secondary

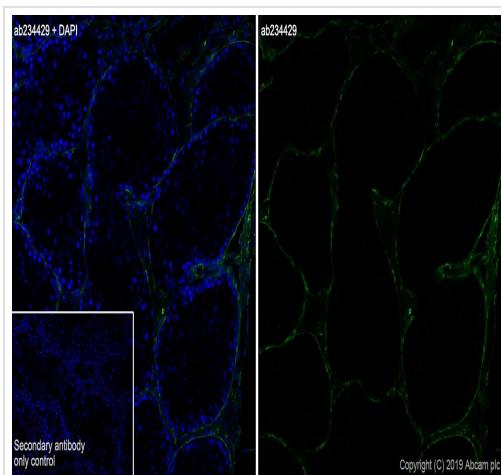
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

**Predicted band size:** 171 kDa

**Observed band size:** 172 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST

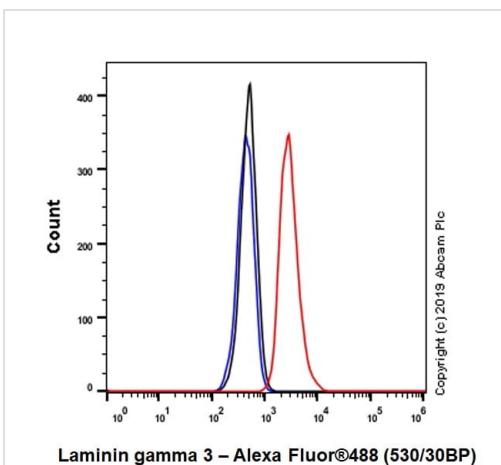
Exposure time: 3 minutes



Immunohistochemistry (Frozen sections) - Anti-Laminin gamma 3 antibody [EPR22699-151] (ab234429)

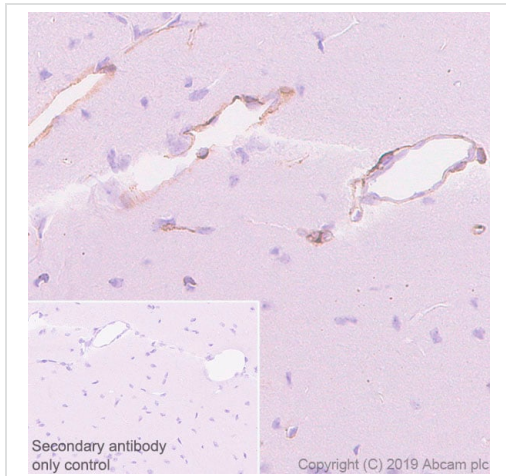
Immunohistochemical analysis of 4% PFA fixed 0.2% Triton X-100 permeabilized frozen Mouse testis tissue labeling Laminin gamma 3 with Ab234429 at 1/100 (4.99 µg/ml) dilution followed by **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary at 1/1000 (2 µg/ml) dilution. The nuclear counterstain was DAPI (Blue). Heat mediated antigen retrieval using sodium citrate buffer (10mM citrate pH 6.0 + 0.05% Tween-20).

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody was **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary at 1/1000 (2 µg/ml) dilution.



Flow Cytometry (Intracellular) - Anti-Laminin gamma 3 antibody [EPR22699-151] (ab234429)

Intracellular flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized RAW 264.7 (mouse Abelson murine leukemia virus-induced tumor macrophage) cells labelling Laminin gamma 3 with ab234429 at 1/50 (Red) compared with a Rabbit monoclonal IgG (**ab172730**, Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 was used as the secondary antibody.



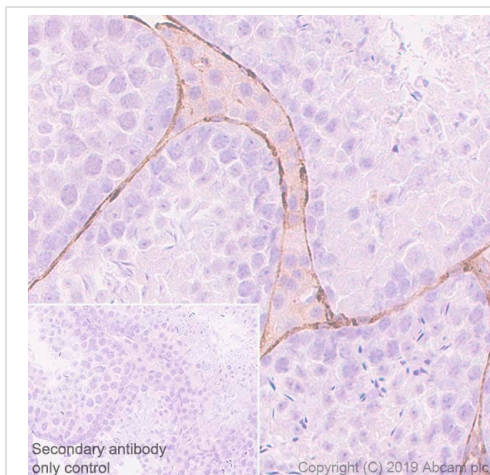
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Laminin gamma 3 antibody [EPR22699-151] (ab234429)

Immunohistochemical analysis of paraffin-embedded Mouse cerebrum tissue labeling Laminin gamma 3 with ab234429 at 1/500 followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Positive staining on the blood vessels in the mouse cerebrum (PMID:15824114) is observed. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Laminin gamma 3 antibody [EPR22699-151] (ab234429)

Immunohistochemical analysis of paraffin-embedded Mouse testis tissue labeling Laminin gamma 3 with ab234429 at 1/500 followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining on the basement membrane in the mouse testis (PMID: 15824114) is observed. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Laminin gamma 3 antibody [EPR22699-151]  
(ab234429)

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