


Anti-67kDa Laminin Receptor antibody [EPR8468] ab133775

重组 RabMAb

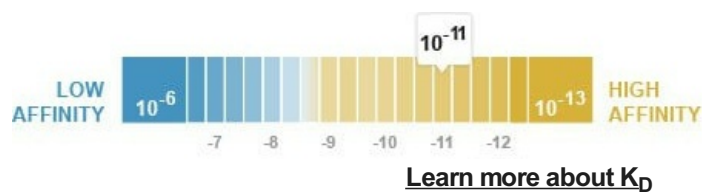
★★★★☆ [1 Abreviews](#) [2 References](#) [5 图像](#)

概述

产品名称	Anti-67kDa Laminin Receptor抗体[EPR8468]
描述	兔单克隆抗体[EPR8468] to 67kDa Laminin Receptor
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: ICC/IF or IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Lysates of K562, HeLa, HepG2, C6, RAW 264.7, PC 12, NIH/3T3 IHC-P: Human brain tissue, Human kidney tissue
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数 (K_D)	K _D = 6.70 x 10 ⁻¹¹ M



存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR8468
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab133775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
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 43 kDa (predicted molecular weight: 33 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

应用说明 Is unsuitable for ICC/IF or IP.

靶标

功能 Required for the assembly and/or stability of the 40S ribosomal subunit. Required for the processing of the 20S rRNA-precursor to mature 18S rRNA in a late step of the maturation of 40S ribosomal subunits. Also functions as a cell surface receptor for laminin. Plays a role in cell adhesion to the basement membrane and in the consequent activation of signaling transduction pathways. May play a role in cell fate determination and tissue morphogenesis. Acts as a PPP1R16B-dependent substrate of PPP1CA. Also acts as a receptor for several other ligands, including the pathogenic prion protein, viruses, and bacteria.

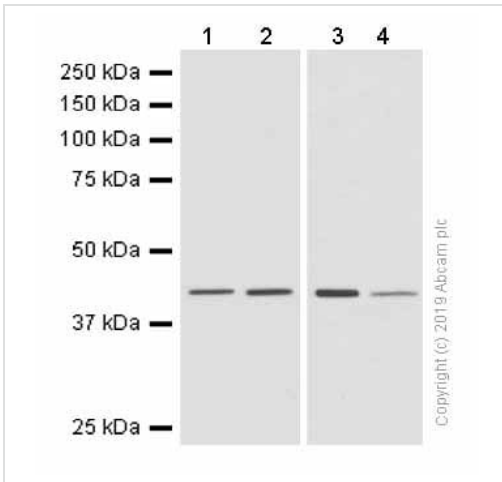
序列相似性 Belongs to the ribosomal protein S2P family.

翻译后修饰 Acylated. Acylation may be a prerequisite for conversion of the monomeric 37 kDa laminin receptor precursor (37LRP) to the mature dimeric 67 kDa laminin receptor (67LR), and may provide a mechanism for membrane association.

Cleaved by stromelysin-3 (ST3) at the cell surface. Cleavage by stromelysin-3 may be a mechanism to alter cell-extracellular matrix interactions.

细胞定位 Cell membrane. Cytoplasm. Nucleus. 67LR is found at the surface of the plasma membrane, with its C-terminal laminin-binding domain accessible to extracellular ligands. 37LRP is found at the cell surface, in the cytoplasm and in the nucleus (By similarity). Co-localizes with PPP1R16B in the cell membrane.

图片



Western blot - Anti-67kDa Laminin Receptor antibody [EPR8468] (ab133775)

All lanes : Anti-67kDa Laminin Receptor antibody [EPR8468] (ab133775) at 1/2000 dilution

Lane 1 : K562 (Human chronic myelogenous leukemia cell line from bone marrow) whole cell lysate

Lane 2 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

Lane 3 : HepG2 (Human liver hepatocellular carcinoma cell line)

Lane 4 : SW480 (Human colorectal adenocarcinoma epithelial cell) whole cell lysate

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

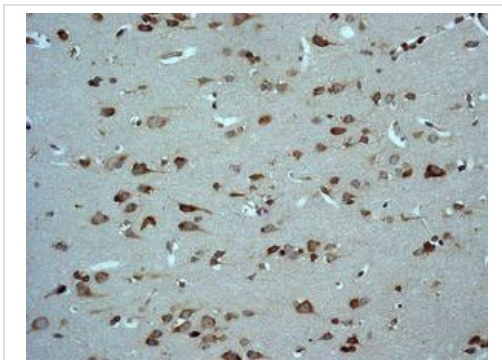
Predicted band size: 33 kDa

Observed band size: 43 kDa

Exposure time: 60 seconds

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

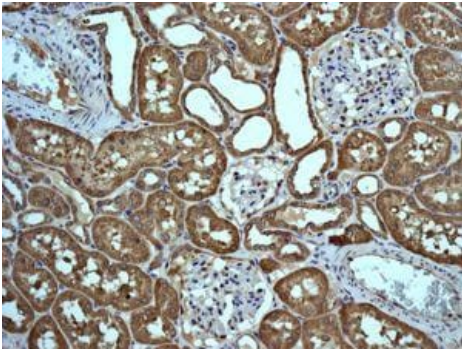
Exposure time: 60 seconds.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-67kDa Laminin Receptor antibody [EPR8468] (ab133775)

ab133775, at 1/250, staining 67kDa Laminin Receptor in paraffin-embedded Human brain tissue using immunohistochemical analysis.

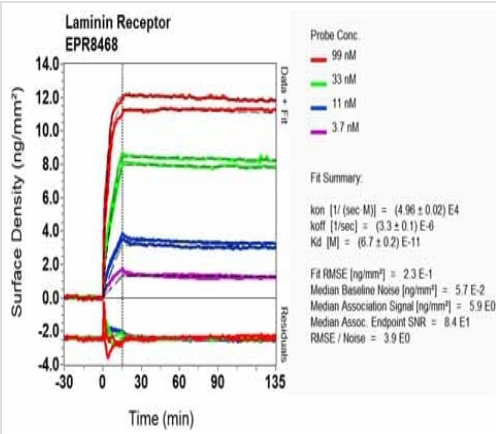
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-67kDa Laminin Receptor antibody [EPR8468] (ab133775)

ab133775, at 1/250, staining 67kDa Laminin Receptor in paraffin-embedded Human kidney tissue using immunohistochemical analysis.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



OI-RD Scanning - Anti-67kDa Laminin Receptor antibody [EPR8468] (ab133775)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-67kDa Laminin Receptor antibody [EPR8468] (ab133775)

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