abcam

Product datasheet

Anti-Ephrin A1 antibody [EPR1785(2)] ab124911



重组 RabMAb

4 References 3 图像

概述

产品名称 Anti-Ephrin A1抗体[EPR1785(2)]

描述 兔单克隆抗体[EPR1785(2)] to Ephrin A1

宿主 Rabbit

经测试应用 适用于: WB

不适用于: Flow Cyt,ICC/IF,IHC-P or IP

种属反应性 与反应: Human

不与反应: Mouse, Rat

免疫原 Synthetic peptide within Human Ephrin A1 aa 1-100 (N terminal). The exact sequence is

阳性对照 HUVEC (treated with TNF alpha), HUVEC (untreated) and MCF7 cell lysates.

常规说明 This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility

- Improved sensitivity and specificity

- Long-term security of supply

- Animal-free production

For more information see here.

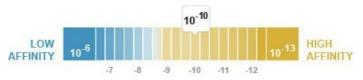
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**® **patents**.

性能

形式 Liquid

存放说明 Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

 $K_D = 1.59 \times 10^{-10} M$ 解离常数(Kn)



Learn more about K_D

存储溶液 pH: 7.20 Preservative: 0.05% Sodium azide

Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture

supernatant

纯**度** Protein A purified

克隆 单克隆

克隆编号 EPR1785(2)

同种型 IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab124911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		1/1000 - 1/10000. Detects a band of approximately 24 kDa (predicted molecular weight: 24 kDa).

应**用说明** Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP.

靶标

Plays an important role in angiogenesis and tumor neovascularization. The recruitement of VAV2, VAV3 and Pl3-kinase p85 subunit by phosphorylated EPHA2 is critical for EFNA1-induced RAC1 GTPase activation and vascular endothelial cell migration and assembly (By similarity). Exerts anti-oncogenic effects in tumor cells through activation and down-regulation of EPHA2. Activates EPHA2 by inducing tyrosine phosphorylation which leads to its internalization and degradation. Acts as a negative regulator in the tumorigenesis of gliomas by down-regulating EPHA2 and

FAK. Can evoke collapse of embryonic neuronal growth cones.

组织特异性 Brain. Down-regulated in primary glioma tissues compared to the normal tissues. The soluble

monomeric form is expressed in the glioblastoma multiforme (GBM) and breast cancer cells (at

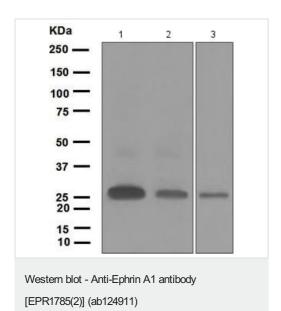
protein level).

序列相似性 Belongs to the ephrin family.

翻译后修饰 Undergo proteolysis by a metalloprotease to give rise to a soluble monomeric form.

细胞定位 Secreted and Cell membrane.

图片



All lanes : Anti-Ephrin A1 antibody [EPR1785(2)] (ab124911) at 1/1000 dilution

Lane 1: HUVEC cell lysate, treated with TNF alpha

Lane 2 : HUVEC cell lysate

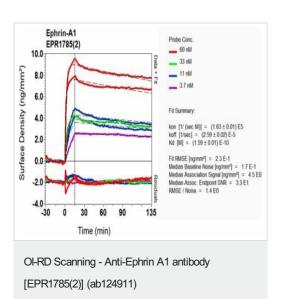
Lane 3 : MCF7 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes: Goat anti-Rabbit HRP at 1/2000 dilution

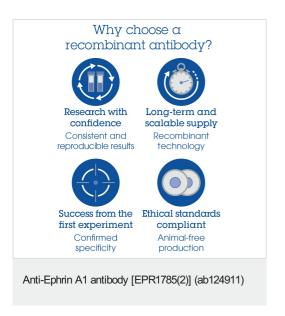
Predicted band size: 24 kDa Observed band size: 24 kDa



Equilibrium disassociation constant (K_D)

Learn more about K_D

Click here to learn more about K_D



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