

Alexa Fluor® 488 Anti-CD34 antibody [EP373Y] ab195013

重组 RabMAb

★★★★★ **5 Abreviews** **4 References** **2 图像**

概述

| | |
|--------------|---|
| 产品名称 | Alexa Fluor® 488荧光Anti-CD34抗体[EP373Y] |
| 描述 | Alexa Fluor® 488荧光兔单克隆抗体[EP373Y] to CD34 |
| 宿主 | Rabbit |
| 偶联物 | Alexa Fluor® 488. Ex: 495nm, Em: 519nm |
| 经测试应用 | 适用于: Flow Cyt (Intra) |
| 种属反应性 | 与反应: Human 预测可用于: Mouse, Sheep, Dog, Pig, African bush elephant  不与反应: Rat |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| 阳性对照 | Flow Cyt (intra): HUVEC cells. |
| 常规说明 | Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents . Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com . |

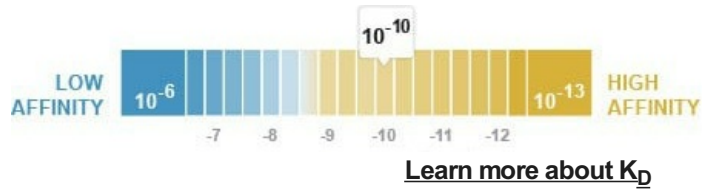
性能

| | |
|-------------|--|
| 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. |

Avoid freeze / thaw cycle. Store In the Dark.

解离常数 (K_D)

K_D = 1.15 x 10⁻¹⁰ M



存储溶液

pH: 7.40
Preservative: 0.02% Sodium azide
Constituents: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA

纯度

Protein A purified

克隆

单克隆

克隆编号

EP373Y

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab195013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 |
|------------------|------|--------|
| Flow Cyt (Intra) | | 1/500. |

靶标

功能

Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins.

组织特异性

Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.

序列相似性

Belongs to the CD34 family.

发展阶段

On early hematopoietic progenitor cells.

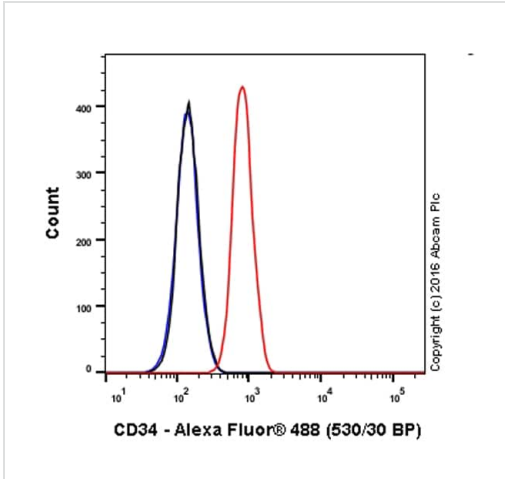
翻译后修饰

Highly glycosylated.
Phosphorylated on serine residues by PKC.

细胞定位

Membrane.

图片



Flow Cytometry (Intracellular) - Alexa Fluor® 488
Anti-CD34 antibody [EP373Y] (ab195013)





Overlay histogram showing HUVEC cells stained with ab195013 (red line). The cells were fixed with 4% formaldehyde (10 min) and then permeabilized with 0.1% PBS-Triton X-100 for 15 min. The cells were then incubated in 1x PBS / 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (ab195013, 1/500 dilution) for 30 min at 22°C.

Isotype control antibody (black line) was Rabbit IgG (monoclonal) Alexa Fluor® 488 ([ab199091](#)) used at the same concentration and conditions as the primary antibody. Unlabelled sample (blue line) was also used as a control.

Acquisition of >5,000 events were collected using a 50 mW Blue laser (488nm) and 530/30 bandpass filter.

This antibody gave a positive signal in HUVEC cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Triton X-100 for 15 min used under the same conditions.

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 |

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

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