# abcam

## Product datasheet

# HRP Anti-CD34 antibody [EP373Y] ab195017



重组 RabMAb

#### 2 图像

#### 概述

产品名称 HRP Anti-CD34抗体[EP373Y]

描述 HRP兔单克隆抗体[EP373Y] to CD34

宿主 Rabbit 偶联物 HRP

经测试应用 适用于: IHC-P

不适用于: WB

种属反应性 与反应: Human

预测可用于: Mouse

免疫原 Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

WB: TF-1 whole cell lysate. IHC: normal human umbilical cord tissue. 阳性对照

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**.

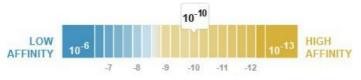
性能

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.

 $K_D = 1.15 \times 10^{-10} M$ 解离常数(KD)



Learn more about K<sub>D</sub>

存储溶液 pH: 7.40

Preservative: 0.1% Proclin 300 Solution

Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS

纯度 Protein A purified

克隆 单克隆

**克隆编号** EP373Y

**同种型** lgG

#### 应用

The Abpromise guarantee Abpromise™承诺保证使用ab195017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-P		1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.  ab199507 - Rabbit monoclonal IgG (HRP), is suitable for use an as isotype control with this antibody.

应用说明 Is unsuitable for WB.

#### 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.

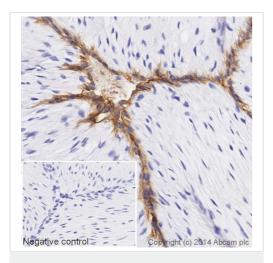
发**展**阶段 On early hematopoietic progenitor cells.

翻译后修饰 Highly glycosylated.

Phosphorylated on serine residues by PKC.

细胞定位 Membrane.

#### 图片

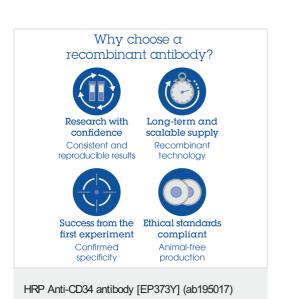


Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - HRP Anti-CD34 antibody
[EP373Y] (ab195017)

IHC image of CD34 staining in a section of formalin-fixed paraffinembedded normal human umbilical cord tissue\*, performed on a Leica BOND. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab195017 at 1/100 dilution, for 15 mins at room temperature. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. The inset negative control image is taken from an identical assay without primary antibody.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

\*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre



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

#### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

please visit <a href="https://www.abcam.cn/abpromise">https://www.abcam.cn/abpromise</a> or contact our technical team.

### Terms and conditions

• Guarantee only valid for products bought direct from Abcam or one of our authorized distributors