

Product datasheet

Anti-CD34 antibody [4H11(APG)] ab762

1 References 1 图像

概述

产品名称	Anti-CD34抗体[4H11(APG)]
描述	小鼠单克隆抗体[4H11(APG)] to CD34
特异性	This antibody reacts with Class III epitope on CD34 antigen.
经测试应用	<b>适用于:</b> IHC-P, WB, Flow Cyt
种属反应性	<b>与反应:</b> Human
免疫原	Tissue/ cell preparation (Human). (Permanent human cell line derived from peripheral leucocytes of a patient suffering from chronic myeloid leukaemia).
阳性对照	This antibody gave a positive result in IHC in the following FFPE tissue: Human normal placenta.
常规说明	Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause.

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 15mM Sodium Azide Constituents: PBS, pH 7.4
纯度	>95% by SDS-PAGE
克隆	单克隆
克隆编号	4H11(APG)
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab762** in the following tested applications.

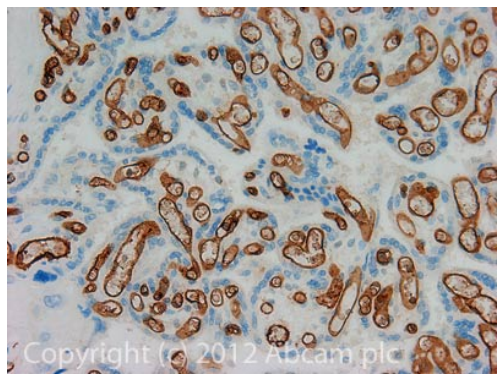
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P		Use a concentration of 10 µg/ml.
WB		Use a concentration of 2 µg/ml. Use under non reducing condition. Predicted molecular weight: 115 kDa.
Flow Cyt		Use a concentration of 2 µg/ml.

## 靶标

<b>功能</b>	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.
<b>组织特异性</b>	Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.
<b>序列相似性</b>	Belongs to the CD34 family.
<b>发展阶段</b>	On early hematopoietic progenitor cells.
<b>翻译后修饰</b>	Highly glycosylated. Phosphorylated on serine residues by PKC.
<b>细胞定位</b>	Membrane.

## 图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD34 antibody [4H11(APG)] (ab762)

IHC image of CD34 staining in Human normal placenta formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab762, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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.

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