

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

6 References **3 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
宿主	Mouse
特异性	This antibody reacts with Class III epitope on CD34 antigen.
经测试应用	适用于: Flow Cyt, IHC-P, WB
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human CD34. Permanent human cell line derived from peripheral leucocytes of a patient suffering from chronic myeloid leukaemia
阳性对照	IHC-P: Human normal placenta. WB: TF-1 Flow Cytometry: human peripheral whole blood.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
纯度	Protein A purified
纯化说明	Purified from TCS. Purity >95% by SDS-PAGE.
克隆	单克隆
克隆编号	4H11(APG)
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab762于以下的经测试应用

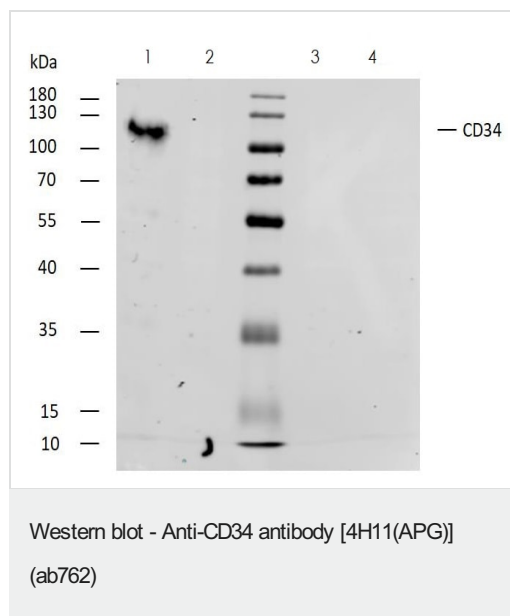
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use a concentration of 2 µg/ml.
IHC-P		Use a concentration of 10 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 110 kDa.

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



All lanes : Anti-CD34 antibody [4H11(APG)] (ab762) at 2 µg/ml

Lane 1 : TF-1 cell line non-reducing

Lane 2 : HEK293T/17 cell line (CD34 non-expressing cell line; negative control) non reducing

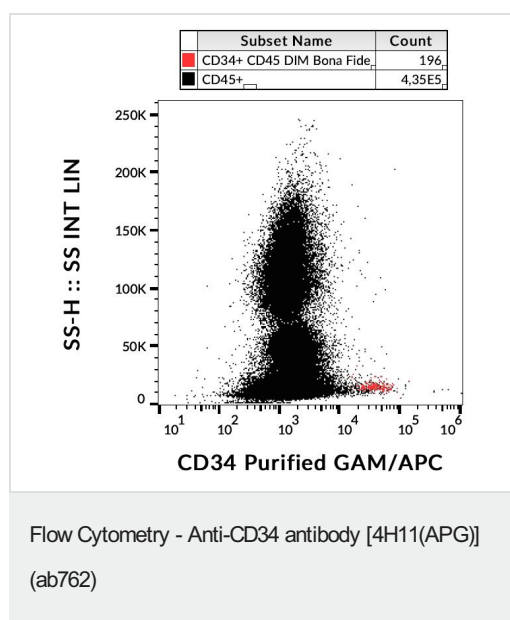
Lane 3 : TF-1 cell line reducing

Lane 4 : HEK293T/17 cell line (CD34 non-expressing cell line; negative control) Reducing

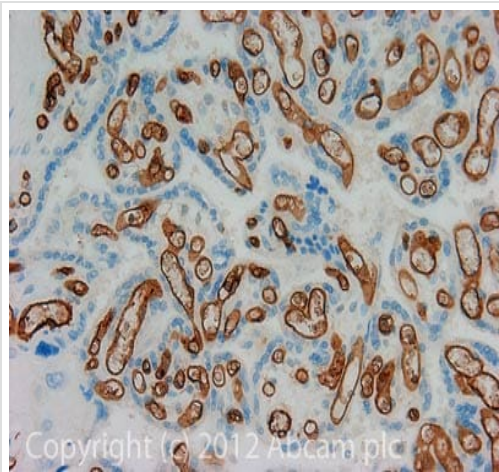
Secondary

All lanes : IRDye800-conjugated anti-mouse IgG1

A specific band was detected for CD34 protein at approximately 110 kDa.



Flow cytometric surface staining pattern showing CD34 positive stem cells in red stained with 2µg/ml ab762 in human peripheral whole blood.



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 BondTM 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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