

Alexa Fluor® 700 Anti-CD34 antibody [4H11[APG]] ab270669

画像数 3

製品の概要

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|--------------|---|
| 製品名 | Alexa Fluor® 700 Anti-CD34 antibody [4H11[APG]] |
| 製品の詳細 | Alexa Fluor® 700 Mouse monoclonal [4H11[APG]] to CD34 |
| 由来種 | Mouse |
| 標識 | Alexa Fluor® 700 |
| 特異性 | This antibody reacts with extracellular class III epitope on CD34 (Mucosialin), a 110-115 kDa monomeric transmembrane phosphoglycoprotein expressed on hematopoietic progenitors cells and on the most pluripotential stem cells; it is gradually lost on progenitor cells. The antibody 4H11[APG] completely blocks binding of class II antibody QBEnd10 and class III antibodies BIRMA K3 and 8G12 on KG1a cell line. |
| アプリケーション | 適用あり: Flow Cyt |
| 種交差性 | 交差種: Human |
| 免疫原 | Tissue, cells or virus corresponding to CD34. Permanent human cell line derived from peripheral leucocytes of a patient suffering from chronic myeloid leukaemia. |
| ポジティブ・コントロール | Flow Cyt: Human peripheral whole blood. |
| 特記事項 | 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) 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 . |

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.

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

製品の特性

| | |
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| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at +4°C. Store In the Dark. |
| バッファー | pH: 7.4 Preservative: 0.0975% Sodium azide Constituent: PBS |
| 精製度 | Size exclusion |
| ポリ/モノ | モノクローナル |
| クローン名 | 4H11[APG] |
| アイソタイプ | IgG1 |

アプリケーション

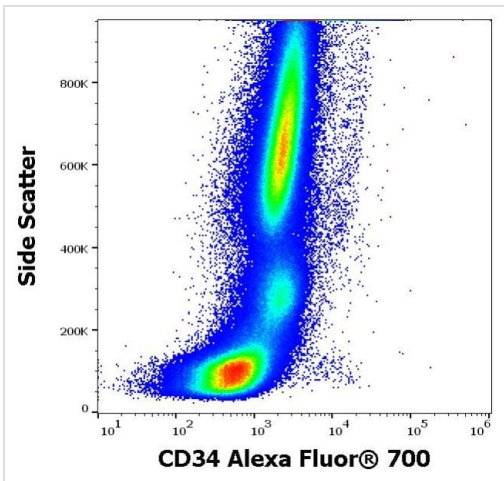
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab270669の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| Flow Cyt | | Use 4µl for 10 ⁶ cells. The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in suspension. |

ターゲット情報

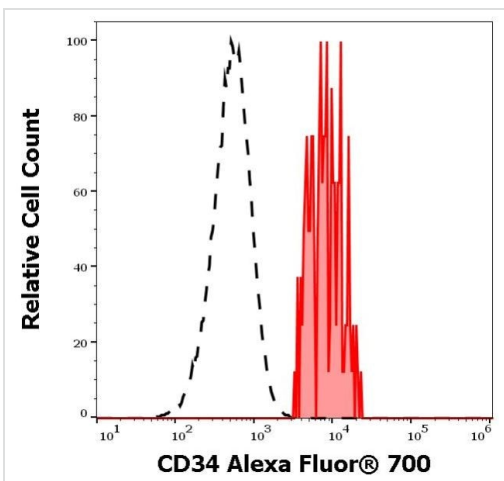
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| 機能 | Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins. |
| 組織特異性 | Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues. |
| 配列類似性 | Belongs to the CD34 family. |
| 発生段階 | On early hematopoietic progenitor cells. |
| 翻訳後修飾 | Highly glycosylated. Phosphorylated on serine residues by PKC. |
| 細胞内局在 | Membrane. |

画像



Flow Cytometry - Alexa Fluor® 700 Anti-CD34 antibody [4H11[APG]] (ab270669)

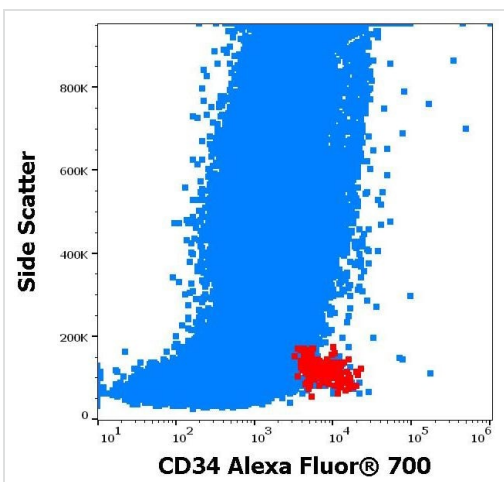
Flow cytometry analysis of human peripheral whole blood labeling CD34 using ab270669. Surface staining.



Flow Cytometry - Alexa Fluor® 700 Anti-CD34 antibody [4H11[APG]] (ab270669)

Flow cytometry analysis of human peripheral whole blood labeling CD34 positive stem cells using ab270669 (Red).

Control: Lymphocytes (Black).



Flow Cytometry - Alexa Fluor® 700 Anti-CD34 antibody [4H11[APG]] (ab270669)

Flow cytometry analysis of human peripheral whole blood labeling CD34 positive stem cells using ab270669 (Red). Surface staining.

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

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