abcam

Product datasheet

Anti-CD11c antibody [3.9] ab11029

11 Abreviews 51 References 画像数 2

製品の概要

製品名	Anti-CD11c antibody [3.9]
製品の詳細	Mouse monoclonal [3.9] to CD11c
由来種	Mouse
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. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Flow Cyt: Human leucocytes. Human whole blood.
特記事項	This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact **orders@abcam.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

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	3.9
ミエローマ	Sp2/0-Ag14
アイソタイプ	IgG1

軽鎖の種類 kappa

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ab11029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 a concentration of 10 µg/ml. **ab170190** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能 Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis.

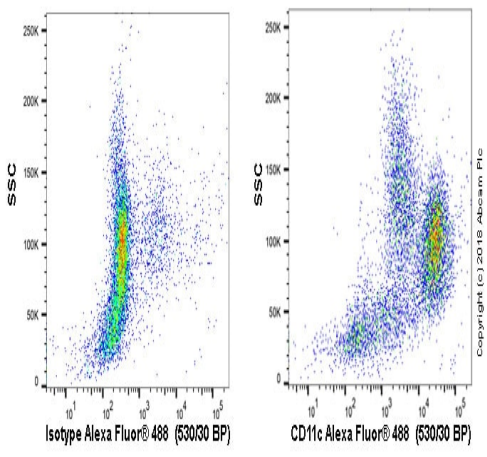
組織特異性 Predominantly expressed in monocytes and granulocytes.

配列類似性 Belongs to the integrin alpha chain family.
Contains 7 FG-GAP repeats.
Contains 1 VWFA domain.

ドメイン The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.

細胞内局在 Membrane.

画像

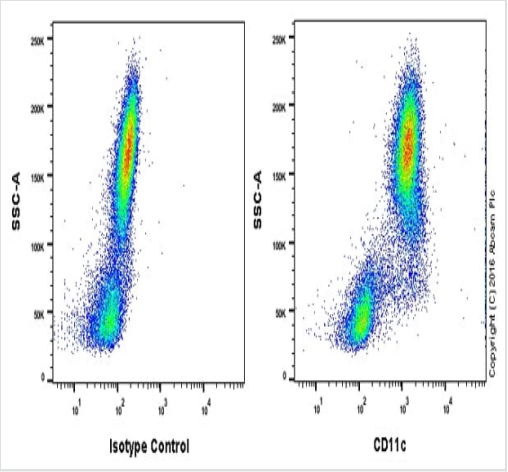


Flow Cytometry - Anti-CD11c antibody [3.9] (ab11029)

Human whole blood stained with ab11029 (right) or mouse IgG1κ (left). Red blood cells of 200µl human whole blood were lysed, then cells were incubated for 30 min on ice in 1x PBS containing 10µg/ml human IgG and 10% normal goat serum to block FC receptors and non-specific protein-protein interaction followed by the antibody (ab11029) or mouse IgG1κ isotype (**ab170190**) (100µl at 10 µg/ml) for 30 min on ice.

The secondary antibody Goat anti-mouse IgG H&L (Alexa Fluor ® 488, pre-adsorbed) (**ab150177**) was used at 1/2000 dilution for 30 min at 4°C.

Acquisition of >30,000 events were collected using a 50 mW Blue laser (488nm) and 530/30 bandpass filter. Events were gated on viable single cells.



Flow Cytometry - Anti-CD11c antibody [3.9] (ab11029)

Human peripheral blood lymphocytes stained with ab11029. Human whole blood was processed using a modified protocol based on Chow *et al*, 2005 (PMID: 16080188). In brief, human whole blood was fixed in 4% formaldehyde (methanol-free) for 10 min at 22°C. Red blood cells were then lysed by the addition of Triton X-100 (final concentration - 0.1%) for 15 min at 37°C. For experimentation, cells were stained with anti-CD11c ab11029 (right panel) at 1/100 dilution for 30 min at 4°C. The secondary antibody used was Alexa Fluor® 488 goat anti-mouse IgG (H&L) (**ab150117**) at 1/2000 dilution for 30 min at 4°C. Isotype control antibody (left panel) was mouse monoclonal IgG1 (**ab170190**) used under the same conditions.

Acquisition of >30,000 total events were collected using a 50mW Argon Blue laser (488nm) and 530/30 bandpass filter. Gating strategy – events were collected with the forward and side light-scatter characteristics of viable cells.

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 **https://www.abcam.co.jp/abpromise** or contact our technical team.

Terms and conditions

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