

Anti-Ly-6A/E (Sca-1) antibody [E13 161-7] - Hematopoietic Stem Cell Marker ab51317

★★★★★ **5 Abreviews** **32 References** 画像数 2

製品の概要

| | |
|--------------|---|
| 製品名 | Anti-Ly-6A/E (Sca-1) antibody [E13 161-7] - Hematopoietic Stem Cell Marker |
| 製品の詳細 | Rat monoclonal [E13 161-7] to Ly-6A/E (Sca-1) - Hematopoietic Stem Cell Marker |
| 由来種 | Rat |
| アプリケーション | 適用あり: Flow Cyt, ICC/IF 適用なし: WB |
| 種交差性 | 交差種: Mouse |
| 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 | ICC/IF: Mouse TH2 cell line. Flow Cyt: C57 BL/6 mouse splenocytes |
| 特記事項 | <p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <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> |

製品の特性

| | |
|-------|--|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. |
| バッファー | pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS |
| 精製度 | Some batches contain 6.97% L-Arginine as a stabilizing agent. For lot-specific buffer information, please contact our Scientific Support team. Protein G purified |

| | |
|--------|-----------|
| ポリ/モノ | モノクローナル |
| クローン名 | E13 161-7 |
| アイソタイプ | IgG2a |

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ab51317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確認ください。

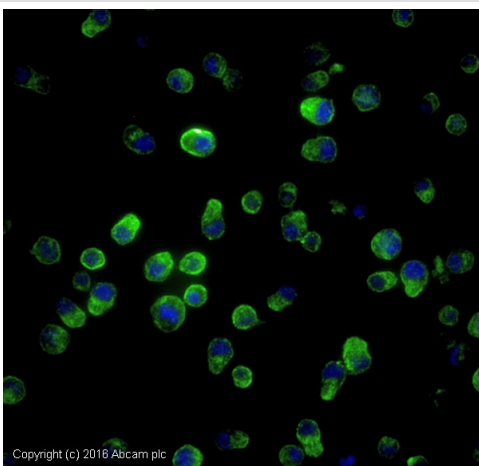
| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--------------------------------------|
| Flow Cyt | | Use 0.2µg for 10 ⁶ cells. |
| ICC/IF | ★★★★★ (2) | Use a concentration of 5 µg/ml. |

追加情報 Is unsuitable for WB.

ターゲット情報

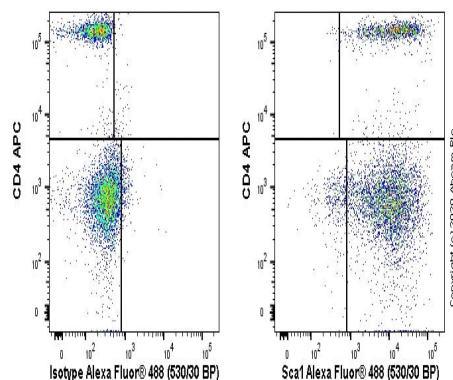
| | |
|-------|--|
| 機能 | T-cell activation. |
| 組織特異性 | Widely expressed. |
| 配列類似性 | Contains 1 UPAR/Ly6 domain. |
| 翻訳後修飾 | O-glycosylated. Not N-glycosylated. Not phosphorylated. |
| 細胞内局在 | Cell membrane. |

画像



Immunocytochemistry/ Immunofluorescence - Anti-Ly-6A/E (Sca-1) antibody [E13 161-7] - Hematopoietic Stem Cell Marker (ab51317)

ab51317 stained mouse TH2 cells. The cells were 4% formaldehyde fixed for 4 minutes at room temperature and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1hour at room temperature to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab51317 at 10µg/ml) overnight at +4°C. The secondary antibody (pseudo-colored green) was **Goat Anti-Rat IgG H&L (Alexa Fluor® 488) preadsorbed (ab150165)** used at a 1/1000 dilution for 1hour at room temperature. DAPI was used to stain the cell nuclei (pseudo-colored blue) at a concentration of 1.43µM for 1hour at room temperature.



Flow Cytometry - Anti-Ly-6A/E (Sca-1) antibody
[E13 161-7] - Hematopoietic Stem Cell Marker
(ab51317)

Flow cytometry staining of C57 BL/6 mouse splenocytes with ab51317 (right) or Rat IgG2ak (**ab18450**) isotype (left). Cells were incubated for 30 min on ice in 1x PBS containing 10 % mouse serum/10 % normal goat serum to block FC receptors and non-specific protein-protein interaction followed by the antibody (ab51317) or Rat IgG2ak (**ab18450**) isotype (1×10^6 in 100 μ l at 0.2 μ g/ml) for 30 min on ice.

The secondary antibody Goat anti-rat IgG H&L (Alexa Fluor® 488, pre-adsorbed) (**ab150165**) was used at 1/2000 dilution for 30 min on ice. The cells were simultaneously stained with CD4.

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

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 <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