

Anti-Ly-6A/E (Sca-1) antibody [EPR22502-38] - BSA and Azide free ab255803

Recombinant RabMAb

3 Images

Overview

Product name	Anti-Ly-6A/E (Sca-1) antibody [EPR22502-38] - BSA and Azide free
Description	Rabbit monoclonal [EPR22502-38] to Ly-6A/E (Sca-1) - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, Flow Cyt Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Flow Cyt: Concanavalin A treated mouse splenocytes. Mouse bone marrow cells.
General notes	<p>ab255803 is the carrier-free version of ab219794.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR22502-38
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab255803 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

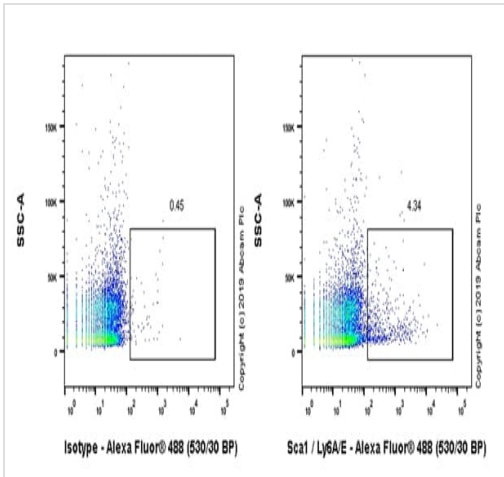
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 14 kDa.
Flow Cyt		Use at an assay dependent concentration.

Application notes Is unsuitable for ICC/IF, IHC-P or IP.

Target

Function	T-cell activation.
Tissue specificity	Widely expressed.
Sequence similarities	Contains 1 UPAR/Ly6 domain.
Post-translational modifications	O-glycosylated. Not N-glycosylated. Not phosphorylated.
Cellular localization	Cell membrane.

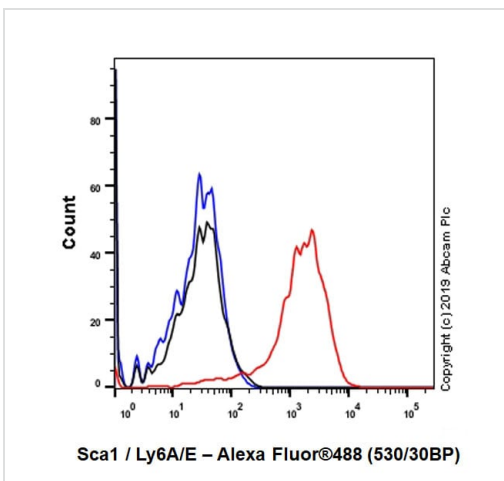
Images



Flow Cytometry - Anti-Ly-6A/E (Sca-1) antibody
[EPR22502-38] - BSA and Azide free (ab255803)

Flow cytometric analysis of mouse bone marrow cells labeling Ly-6A/E (Sca1) with **ab219794** at 1/500 (right panel) compared with a Rabbit monoclonal IgG (**ab172730**) (left panel). Goat anti rabbit IgG (Alexa Fluor[®] 488, **ab150077**), at 1/2000 dilution was used as the secondary antibody. Gated on viable cells.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab219794**).



Flow Cytometry - Anti-Ly-6A/E (Sca-1) antibody
[EPR22502-38] - BSA and Azide free (ab255803)

Flow cytometric analysis of mouse splenocytes treated with 2.5µg/ml Concanavalin A (ConA) for 72h labeling Ly-6A/E (Sca1) with **ab219794** at 1/500 (red) compared with a Rabbit monoclonal IgG (**ab172730**) (black) and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (blue). Goat anti rabbit IgG (Alexa Fluor[®] 488, **ab150077**), at 1/2000 dilution was used as the secondary antibody. Gated on viable cells.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab219794**).

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Ly-6A/E (Sca-1) antibody [EPR22502-38] - BSA and Azide free (ab255803)

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

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