

Product datasheet

APC Anti-CCR7 antibody [4B12] ab93518

[1 Image](#)

Overview

| | |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name | APC Anti-CCR7 antibody [4B12] |
| Description | APC Rat monoclonal [4B12] to CCR7 |
| Host species | Rat |
| Conjugation | APC. Ex: 645nm, Em: 660nm |
| Tested applications | Suitable for: Flow Cyt |
| Species reactivity | Reacts with: Mouse |
| Immunogen | Tissue, cells or virus corresponding to CCR7. Rat basophilic leukaemia (RBL)-2H3 cells transfected with Mouse CCR7. |
| Positive control | C57Bl/6 splenocytes |
| General notes | <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> |

Properties

| | |
|-----------------------------|------------------------------------------------------------------------------------------|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C. |
| Storage buffer | pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 0.87% Sodium chloride, PBS |
| Purity | Affinity purified |
| Clonality | Monoclonal |
| Clone number | 4B12 |
| Isotype | IgG2a |
| Light chain type | kappa |

Applications

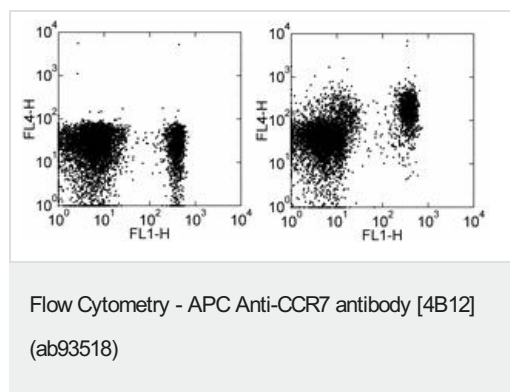
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab93518 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|-------------------------------------|
| Flow Cyt | | Use 1 µg for 10 ⁶ cells. |

Target

| | |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function | Receptor for the MIP-3-beta chemokine. Probable mediator of EBV effects on B-lymphocytes or of normal lymphocyte functions. |
| Tissue specificity | Expressed in various lymphoid tissues and activated B- and T-lymphocytes, strongly up-regulated in B-cells infected with Epstein-Barr virus and T-cells infected with herpesvirus 6 or 7. |
| Sequence similarities | Belongs to the G-protein coupled receptor 1 family. |
| Cellular localization | Cell membrane. |

Images



Staining of C57Bl/6 splenocytes with FITC anti-mouse CD4 (GK1.5) and either 0.5 µg of ab93518 (right) or 0.5 µg of APC Rat IgG2a Iso Control (left). Cells were stained at 37°C for 0.5 hours and Fc receptor binding was blocked by staining cells with 5 µg/million cells anti-mouse CD16/32. Cells in the lymphocyte gate were used for analysis.

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

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