

Product datasheet

Anti-CCR7 antibody [4B12] ab52602

2 References 1 Image

Overview

| | |
|----------------------------|---|
| Product name | Anti-CCR7 antibody [4B12] |
| Description | Rat monoclonal [4B12] to CCR7 |
| Host species | Rat |
| Tested applications | Suitable for: Flow Cyt |
| Species reactivity | Reacts with: Mouse |
| Immunogen | Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers. |
| Positive control | Flow Cyt: Mouse splenocytes. |
| General notes | <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> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | 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. |
| Storage buffer | Preservative: 0.02% Sodium azide Constituent: PBS |
| Purity | Protein G purified |
| Clonality | Monoclonal |
| Clone number | 4B12 |
| Isotype | IgG2a |
| Light chain type | kappa |

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab52602 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 a concentration of 5 - 10 µg/ml. ab18541 - Rat IgG2b monoclonal, is suitable for use as an isotype control with this antibody. |

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.

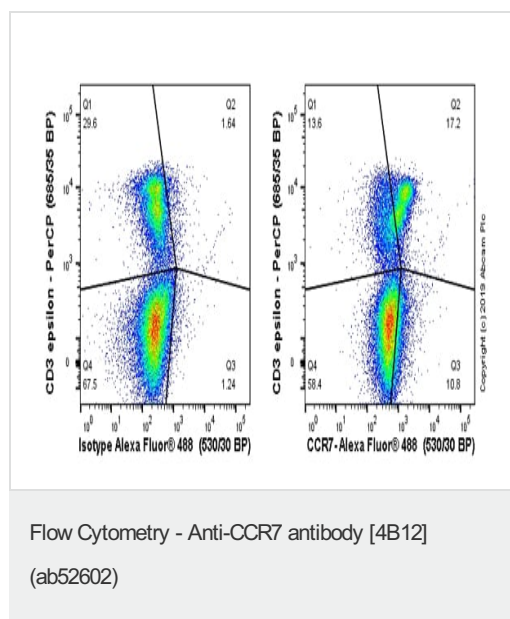
Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

Cellular localization

Cell membrane.

Images



C57BL6 mouse splenocytes were incubated with Rat IgG2b, kappa monoclonal [RTK4530] ([ab18541](#)) (left) or anti-CCR7 [4B12] antibody (ab52602) (right) at 10ug/ml for 30 min at 4+°C. The secondary antibody Goat Anti-Rat IgG H&L (Alexa Fluor® 488) ([ab150157](#)) was used at 1/2000 dilution for 30 min at 4+°C. The cells were simultaneously stained with anti-CD3ε PerCP (10ug/ml) ([ab190299](#)).

Acquisition of >30,000 total events were collected. Gating strategy - live lymphocytes

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

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