

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

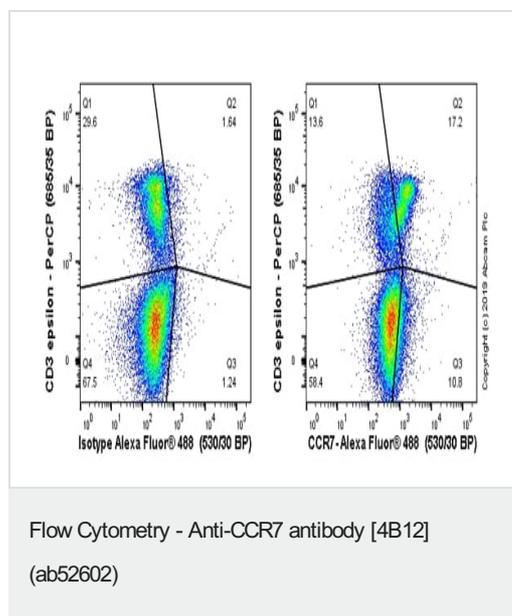
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab52602 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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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