

Product datasheet

FITC Anti-CD5 antibody [53-7.3] ab114048

1 Image

Overview

Product name	FITC Anti-CD5 antibody [53-7.3]
Description	FITC Rat monoclonal [53-7.3] to CD5
Host species	Rat
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Mouse thymus/spleen
Positive control	Mouse thymus, spleen or bone marrow cells
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
-------------	--------

Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 0.16% Sodium phosphate, 0.87% Sodium chloride, 0.1% Gelatin
Purity	Affinity purified
Purification notes	Purified from TCS
Clonality	Monoclonal
Clone number	53-7.3
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab114048** in the following tested applications.

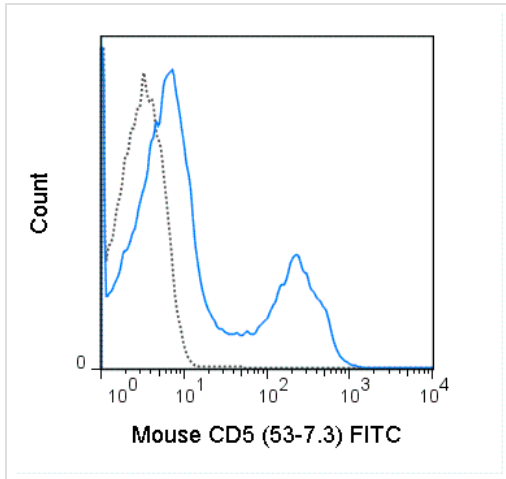
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.5µg for 10 ⁶ cells. ab18446 - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Target

Function	May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.
Sequence similarities	Contains 3 SRCR domains.
Cellular localization	Membrane.

Images



Flow cytometry analysis showing C57Bl/6 splenocytes stained with ab114048 (solid line). The isotype control antibody used was FITC Rat IgG2a (dashed line)

Flow Cytometry - FITC Anti-CD5 antibody [53-7.3]
(ab114048)

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.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors