



### FITC Anti-CD3 antibody [CD3-12] ab34722

#### Overview

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | FITC Anti-CD3 antibody [CD3-12]  |
| <b>Description</b>         | FITC Rat monoclonal [CD3-12] to CD3  |
| <b>Host species</b>        | Rat  |
| <b>Conjugation</b>         | FITC. Ex: 493nm, Em: 528nm   |
| <b>Specificity</b>         | ab34722 recognises a highly conserved epitope of the CD3 molecule expressed by T lymphocytes.  |
| <b>Tested applications</b> | <b>Suitable for:</b> Flow Cyt  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse, Horse, Chicken, Dog, Human, Pig, Monkey, Rhesus monkey  |
| <b>Immunogen</b>           | Synthetic peptide:<br>ERPPVPNPDYEP<br>Sequence derived from cytoplasmic epitope of CD3.<br> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> |

#### General notes

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.

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

#### Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | pH: 7.40<br>Preservative: 0.09% Sodium azide<br>Constituents: 1% BSA, PBS  |
| <b>Purity</b>               | Protein G purified   |
| <b>Clonality</b>            | Monoclonal   |
| <b>Clone number</b>         | CD3-12   |

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab34722 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    |           | 1/5 - 1/10.<br><b>ab18404</b> - Rat monoclonal IgG1, is suitable for use as an isotype control with this antibody.<br>Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul. Membrane permeabilisation is required for this application. |

**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.

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