

## Product datasheet

# Anti-CD11a antibody [M17/4] (FITC) ab233453

[1 Image](#)

### Overview

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<b>Product name</b>	Anti-CD11a antibody [M17/4] (FITC)
<b>Description</b>	Rat monoclonal [M17/4] to CD11a (FITC)
<b>Host species</b>	Rat
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Tissue, cells or virus corresponding to CD11a. C57BL/6 mouse splenic secondary cytotoxic T lymphocytes.
<b>Positive control</b>	Flow Cytometry: Murine monocytes.
<b>General notes</b>	<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 &amp; 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 &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; 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&amp;As.</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.0975% Sodium azide Constituent: PBS
<b>Purity</b>	Size exclusion
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	M17/4
<b>Isotype</b>	IgG2a

## Applications

Our [Abpromise guarantee](#) covers the use of **ab233453** in the following tested applications.

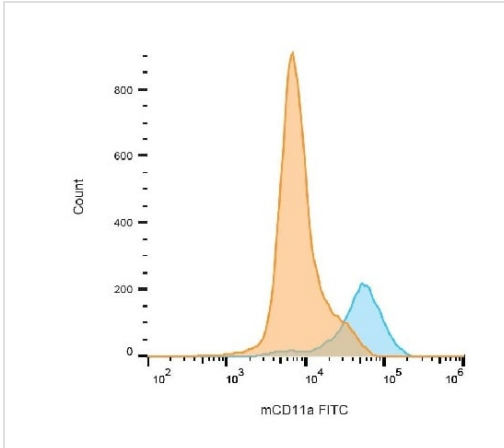
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use a concentration of 3 µg/ml.

## Target

<b>Function</b>	Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. It is involved in a variety of immune phenomena including leukocyte-endothelial cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes.
<b>Tissue specificity</b>	Leukocytes.
<b>Sequence similarities</b>	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
<b>Domain</b>	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
<b>Cellular localization</b>	Membrane.

## Images



Surface staining of murine monocytes using ab233453.

Orange: Lymphocytes.

Blue: Monocytes.

Flow Cytometry - Anti-CD11a antibody [M17/4]  
(FITC) (ab233453)

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

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- Response to your inquiry within 24 hours
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- We investigate all quality concerns to ensure our products perform to the highest standards

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