

### FITC Anti-F4/80 antibody [Cl:A3-1] ab105155

[15 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	FITC Anti-F4/80 antibody [Cl:A3-1]
<b>Description</b>	FITC Rat monoclonal [Cl:A3-1] to F4/80
<b>Host species</b>	Rat
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Specificity</b>	ab105155 recognises the murine F4/80 antigen.
<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 Mouse F4/80. Thioglycollate stimulated peritoneal macrophages from C57/BL mice. Database link: <a href="#">Q61549</a>
<b>Positive control</b>	Mouse peritoneal macrophages
<b>General notes</b>	<p>Clone Cl:A3-1 has been reported to modulate cytokine levels released in response to Listeria monocytogenes.</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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.09% Sodium azide Constituents: 1% BSA, PBS
<b>Purity</b>	Protein G purified

<b>Primary antibody notes</b>	Clone Cl:A3-1 has been reported to modulate cytokine levels released in response to <i>Listeria monocytogenes</i> .
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	Cl:A3-1
<b>Myeloma</b>	NS1
<b>Isotype</b>	IgG2b
<b>Light chain type</b>	kappa

## Applications

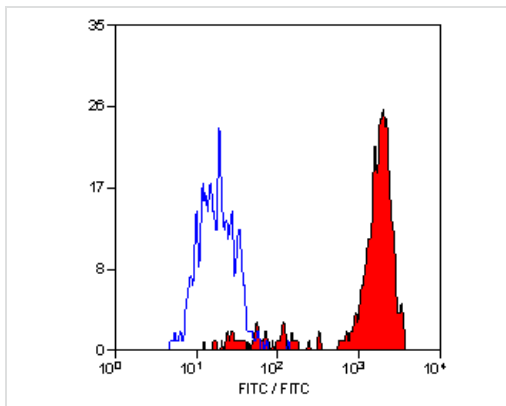
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab105155 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		<p>Use 10µl for 10<sup>6</sup> cells. in 100ul.</p> <p><b><u>ab136125</u></b> - Rat monoclonal IgG2b, is suitable for use as an isotype control with this antibody.</p>

## Target

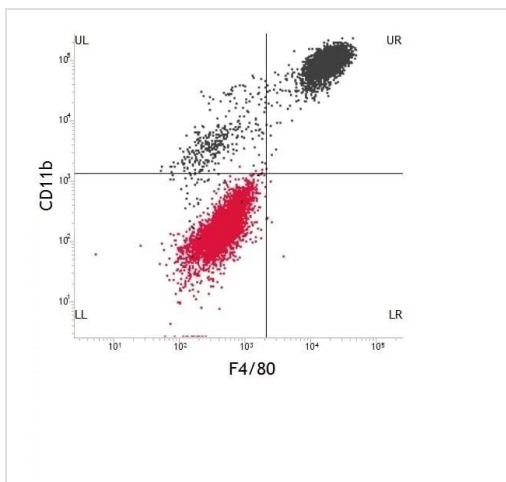
<b>Function</b>	Orphan receptor involved in cell adhesion and probably in cell-cell interactions specifically involving cells of the immune system. May play a role in regulatory T-cells (Treg) development.
<b>Tissue specificity</b>	Expression is restricted to eosinophils.
<b>Sequence similarities</b>	<p>Belongs to the G-protein coupled receptor 2 family. Adhesion G-protein coupled receptor (ADGR) subfamily.</p> <p>Contains 6 EGF-like domains.</p> <p>Contains 1 GPS domain.</p>
<b>Cellular localization</b>	Cell membrane.

## Images



Flow Cytometry - FITC Anti-F4/80 antibody [Cl:A3-1]  
(ab105155)

Flow cytometry staining of mouse peritoneal macrophages with ab105155.



Flow Cytometry - FITC Anti-F4/80 antibody [Cl:A3-1]  
(ab105155)

FSC/SSC gated mouse peritoneal macrophages dual stained with ab105155 at 1/5 dilution and anti-CD11b at 1/5 dilution by Flow cytometry. Isotype control pair in red. Fc receptors were blocked.

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

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