

### FITC Anti-CD64 antibody [10.1] $\alpha$ b119828

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#### Overview

<b>Product name</b>	FITC Anti-CD64 antibody [10.1]
<b>Description</b>	FITC Mouse monoclonal [10.1] to CD64
<b>Host species</b>	Mouse
<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> Human, Non human primates
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human CD64. Rheumatoid synovial fluid cells and fibronectin purified human monocytes
<b>Positive control</b>	Human blood cells.
<b>General notes</b>	<p>The reagent is free of unconjugated FITC and adjusted for direct use.</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>	<p>pH: 7.4</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: 0.2% BSA, 99% PBS</p>
<b>Purity</b>	Size exclusion
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	10.1
<b>Isotype</b>	IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab119828 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 4µl for 10 <sup>6</sup> cells. <b>ab91356</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## Target

### Function

High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses.

### Tissue specificity

Monocyte/macrophage specific.

### Sequence similarities

Belongs to the immunoglobulin superfamily. FCGR1 family.  
Contains 3 Ig-like C2-type (immunoglobulin-like) domains.

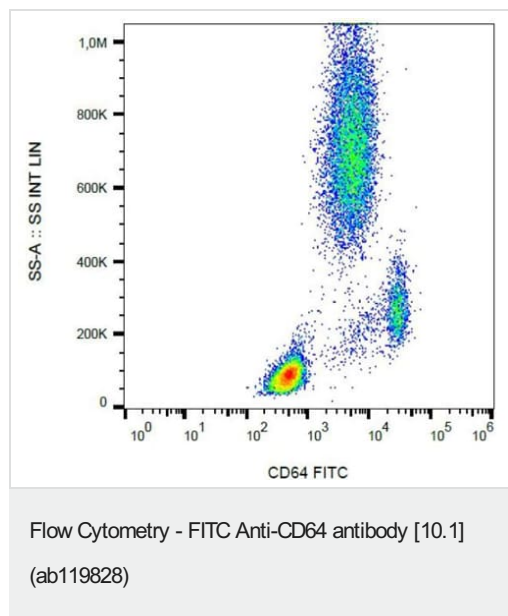
### Post-translational modifications

Phosphorylated on serine residues.

### Cellular localization

Cell membrane. Stabilized at the cell membrane through interaction with FCER1G.

## Images



Analysis by flow cytometry of ab119828 staining CD64 in human peripheral blood cells.

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

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