

## Product datasheet

# FITC Anti-CD99 antibody [3B2/TA8] ab130456

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### Overview

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<b>Product name</b>	FITC Anti-CD99 antibody [3B2/TA8]
<b>Description</b>	FITC Mouse monoclonal [3B2/TA8] to CD99
<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
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human CD99. Human thymocytes.
<b>Positive control</b>	Flow Cyt: Human blood cells.
<b>General notes</b>	<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

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.1% Sodium azide Constituents: 99% PBS, 0.2% BSA
<b>Purity</b>	Size exclusion
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	3B2/TA8
<b>Isotype</b>	IgG2a

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab130456 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 at an assay dependent concentration. 4 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension.

## Target

### Function

Involved in T-cell adhesion processes. It is involved in spontaneous rosette formation with erythrocytes.

### Sequence similarities

Belongs to the CD99 family.

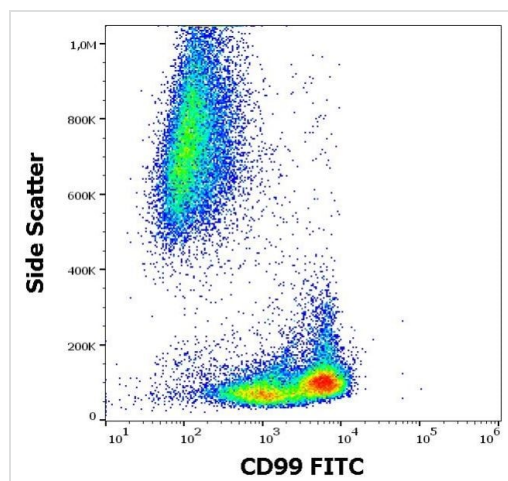
### Post-translational modifications

Extensively O-glycosylated.

### Cellular localization

Membrane.

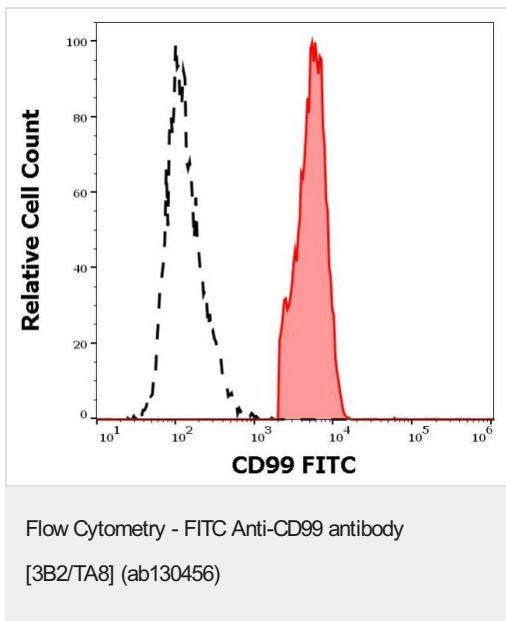
## Images



Flow cytometry surface staining pattern of human peripheral whole blood labeling CD99 with ab130456 (4 µL reagent/100 µL of peripheral whole blood).

Flow Cytometry - FITC Anti-CD99 antibody

[3B2/TA8] (ab130456)



Flow cytometry analysis (surface staining) of human peripheral whole blood labeling CD99 with ab130456 (4 µL reagent/100 µL of peripheral whole blood). Histogram showing separation of human CD99 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed).

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

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