

## Product datasheet

### FITC Anti-CD39 antibody [A1] ab30423

[3 References](#) [1 Image](#)

#### Overview

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<b>Product name</b>	FITC Anti-CD39 antibody [A1]
<b>Description</b>	FITC Mouse monoclonal [A1] to CD39
<b>Host species</b>	Mouse
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Specificity</b>	Binds to the human CD39 cell surface antigen (80kDa)
<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 CD39. PHA activated human lymphocytes.
<b>General notes</b>	<p>Store in the dark to prevent bleaching of the fluor.</p> <p>Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC).</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

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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: 7.40 Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	A1
<b>Myeloma</b>	NS1
<b>Isotype</b>	IgG1

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab30423 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		

**Application notes** Flow Cyt: Use 10µl of neat antibody to label  $10^6$  cells or 100µl of whole blood.  
  
Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

## Target

**Function** In the nervous system, could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Could also be implicated in the prevention of platelet aggregation. Hydrolyzes ATP and ADP equally well.

**Tissue specificity** Expressed primarily on activated lymphoid cells. Also expressed in endothelial tissues. The vascular isoform and the placental isoform II are present in both placenta and umbilical vein, whereas placental isoform I is present in placenta only.

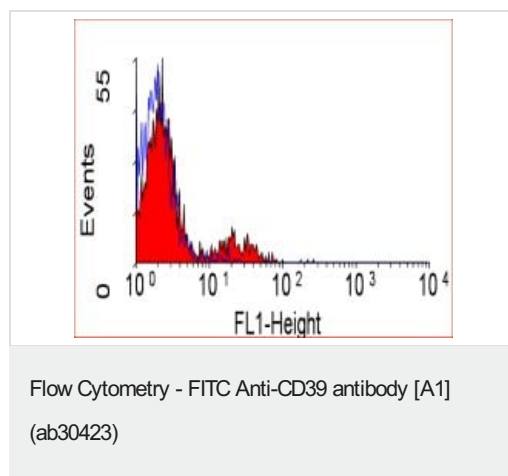
**Sequence similarities** Belongs to the GDA1/CD39 NTPase family.

**Post-translational modifications** The N-terminus is blocked.  
Palmitoylated in the N-terminal part.

**Cellular localization** Membrane.

**Form** There are 3 isoforms produced by alternative splicing.

## Images



Staining of human peripheral blood lymphocytes using ab30423.

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

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