

Product datasheet

Anti-CD39 antibody [A1] ab189258

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

Overview

Product name	Anti-CD39 antibody [A1]
Description	Mouse monoclonal [A1] to CD39
Host species	Mouse
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD39. (PHA activated Human lymphocytes).
Positive control	Human peripheral blood lymphocytes.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 99% PBS
Purity	Protein G purified
Purification notes	ab189258 is purified from tissue culture supernatant.
Clonality	Monoclonal
Clone number	A1
Myeloma	NS1
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab189258 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 10µl for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

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.

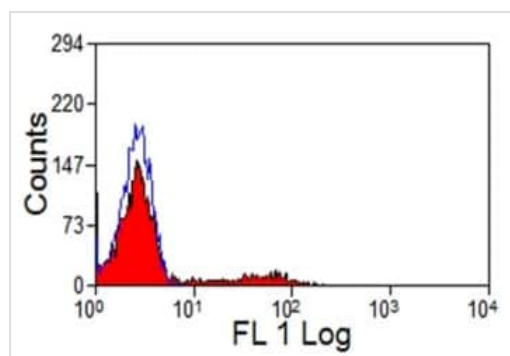
Sequence similarities Belongs to the GDA1/CD39 NTPase family.

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



Flow Cytometry - Anti-CD39 antibody [A1]
(ab189258)

Flow cytometric analysis of Human peripheral blood lymphocytes labeling CD39 with ab189258 at 10µl for 10⁶ cells followed by Rabbit F(ab')₂ anti Mouse IgG:FITC.

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