abcam

ab270638

APC Anti-CD39 antibody [TU66]

Anti-CD39 antibody [TU66] conjugated to APC - suitable for flow cytometry, and reacts with human samples. Clone [TU66] is a mouse monoclonal antibody.

Design your panel with our interactive flow cytometry panel builder. Click here.

Key facts

Isotype	IgG2b
Host species	Mouse
Conjugation	APC
Excitation/Emission	Ex: 650nm, Em: 660nm
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Clone number	TU66
Purification technique	Size-exclusion chromatography
Epitope	extracellular
Light chain type	kappa

Reactivity data

Flow Cyt

Tested

Species	Human

Dilution info	10 µL for 10^6 Cells
Notes	-

Target data

See full target information ENTPD1

Function	Catalyzes the hydrolysis of nucleoside triphosphates (NTPs) and diphosphates (NDPs) (Probable) (PubMed:8529670, PubMed:8626624, PubMed:8955160, PubMed:8996251). The enzyme sequentially removes phosphate groups in two successive steps, converting NTPs to nucleoside monophosphates (NMPs) via NDP intermediates (Probable) (PubMed:8529670, PubMed:8626624, PubMed:8955160, PubMed:8996251). This activity contributes to the regulation of extracellular levels of nucleotides (Probable) (PubMed:8529670, PubMed:8626624, PubMed:8955160, PubMed:8996251). By hydrolyzing proinflammatory ATP and platelet-activating ADP to AMP, it blocks platelet aggregation and supports blood flow (PubMed:8955160, PubMed:8996251).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Store in the dark

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

We do not recommend this combination. It is not covered by our product promise.

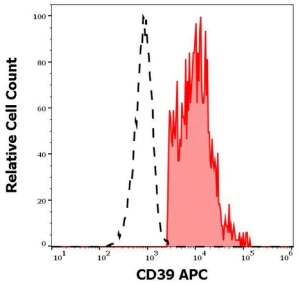
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

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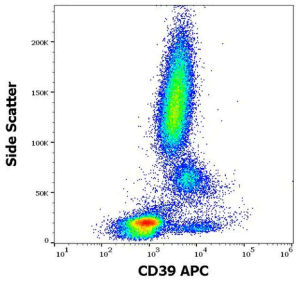
2 product images



Flow Cytometry - APC Anti-CD39 antibody [TU66] (ab270638)

CD39 Flow Cytometry staining using mouse Anti-CD39 antibody

Flow cytometry analysis of lymphocytes (red) and monocytes (black) cells labeling CD39 using ab270635. Concentration of 10 µl reagent/100µl peripheral whole blood.



Flow Cytometry - APC Anti-CD39 antibody [TU66] (ab270638)

CD39 Flow Cytometry staining using mouse Anti-CD39 antibody

Flow cytometric analysis of human peripheral whole blood cells labeling CD39 using ab270638. The concentration of 10 µl reagent/ 100µl of peripheral whole blood.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.