

APC Anti-CD69 antibody [FN50] ab95609

★★★★★ [5 Abreviews](#) [1 Image](#)

Overview

Product name	APC Anti-CD69 antibody [FN50]
Description	APC Mouse monoclonal [FN50] to CD69
Host species	Mouse
Conjugation	APC. Ex: 645nm, Em: 660nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD69. Stimulated Human B lymphocytes
Positive control	3 day PHA activated Human peripheral blood leukocytes; Resting and 6 hour TPA activated Human PBMC
General notes	Excitation: 633 nm Emission: 660 nm. 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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 0.2% BSA, 0.87% Sodium chloride, PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	FN50
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab95609 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	★★★★★ (5)	Use 5µl for 10 ⁶ cells. ab37391 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function

Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets.

Tissue specificity

Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets.

Sequence similarities

Contains 1 C-type lectin domain.

Developmental stage

Earliest inducible cell surface glycoprotein acquired during lymphoid activation.

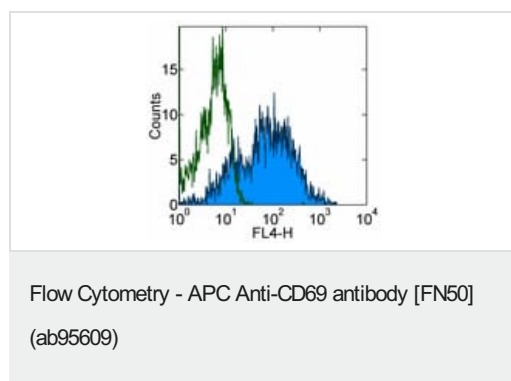
Post-translational modifications

Constitutive Ser/Thr phosphorylation in both mature thymocytes and activated T-lymphocytes.

Cellular localization

Membrane.

Images



Flow cytometry staining of 3-day PHA activated Human peripheral blood leukocytes with APC Mouse IgG1 kappa Isotype Control (open histogram) or ab95609 (colored histogram). Total viable cells were used for analysis.

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

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