abcam

Product datasheet

APC Anti-CD69 antibody [H1.2F3] ab95611

1 Image

Overview

Product name	APC Anti-CD69 antibody [H1.2F3]
Description	APC Armenian hamster monoclonal [H1.2F3] to CD69
Host species	Armenian hamster
Conjugation	APC. Ex: 645nm, Em: 660nm
Tested applications	**Suitable for:** Flow Cyt
Species reactivity	**Reacts with:** Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse CD69. Murine dendritic epidermal T cell line Y245.
Positive control	1-day ConA-stimulated BALB/c splenocytes; stimulated Mouse splenic cell cultures
General notes	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
Purity	Protein G purified
Clonality	Monoclonal
Clone number	H1.2F3
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab95611 in the following tested applications.

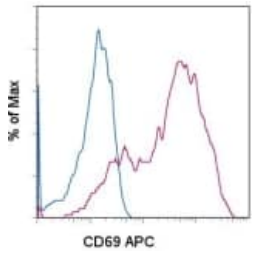
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.125-0.25µg for 10^{5-8} cells. Staining the cell sample in a final volume of 100 µl is recommended.

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 - APC Anti-CD69 antibody [H1.2F3] (ab95611)

Staining of 1-day ConA-stimulated BALB/c splenocytes with 0.125 µg of Armenian Hamster IgG Isotype Control APC (blue histogram) or 0.125 µg of ab95611 (purple histogram). Total viable cells were used for analysis.

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