

FITC Anti-CD69 antibody [FN50], prediluted ab135931

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Overview

Product name	FITC Anti-CD69 antibody [FN50], prediluted
Description	FITC Mouse monoclonal [FN50] to CD69, prediluted
Host species	Mouse
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD69. Anti- μ -stimulated Human B lymphocytes.
Positive control	Flow Cyt: Human blood cells
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.
Storage buffer	<p>pH: 7.4</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: 99% PBS, 0.2% BSA</p>
Purity	BSA is high-grade protease free
Clonality	Size exclusion
Clone number	Monoclonal
Isotype	FN50
	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab135931 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 at an assay dependent concentration. 20 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension.

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.

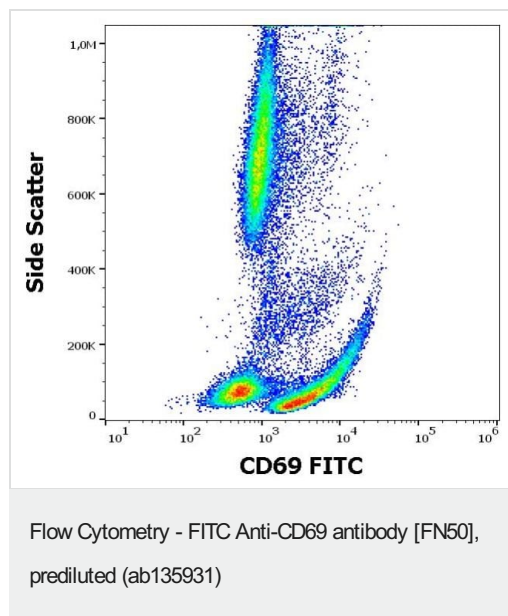
Post-translational modifications

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

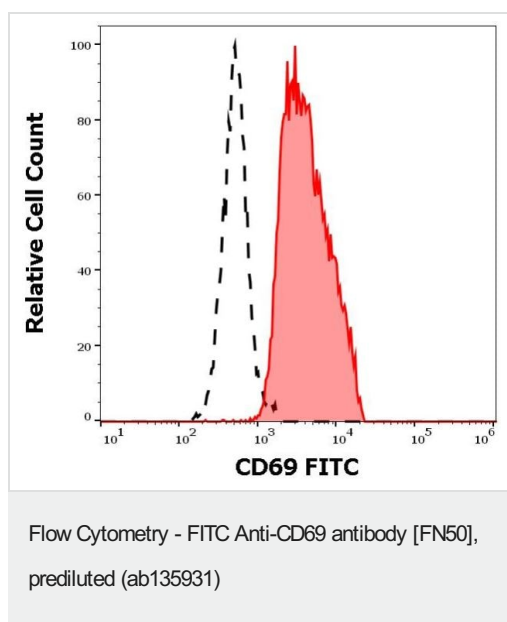
Cellular localization

Membrane.

Images



Flow cytometry surface staining pattern of human peripheral whole blood stained labeling CD69 with ab135931 (20 µL reagent/100 µL of peripheral whole blood).



Flow cytometry analysis (surface staining) of human peripheral whole blood labeling CD69 with ab135931 (20 μ L reagent/100 μ L of peripheral whole blood). Histogram showing separation of human thrombocytes (red-filled) from CD69 negative lymphocytes (black-dashed).

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

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