

### PE Anti-CD69 antibody [FN50], prediluted ab135932

[1 Image](#)

#### Overview

<b>Product name</b>	PE Anti-CD69 antibody [FN50], prediluted
<b>Description</b>	PE Mouse monoclonal [FN50] to CD69, prediluted
<b>Host species</b>	Mouse
<b>Conjugation</b>	PE. Ex: 488nm, Em: 575nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human CD69. Anti- $\mu$ -stimulated Human B lymphocytes.
<b>Positive control</b>	Human whole blood
<b>General notes</b>	<p>The antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions.</p> <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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	<p>pH: 7.4</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: 99% PBS, 0.2% BSA</p> <p>BSA is high-grade protease free</p>
<b>Purity</b>	Size exclusion
<b>Purification notes</b>	The ab135932 conjugate is made from a highly purified antibody (>95% by SDS-PAGE).
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	FN50

Isotype

IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab135932 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 20µl for 10 <sup>6</sup> cells. (In 100 µl of whole blood.)

## 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.

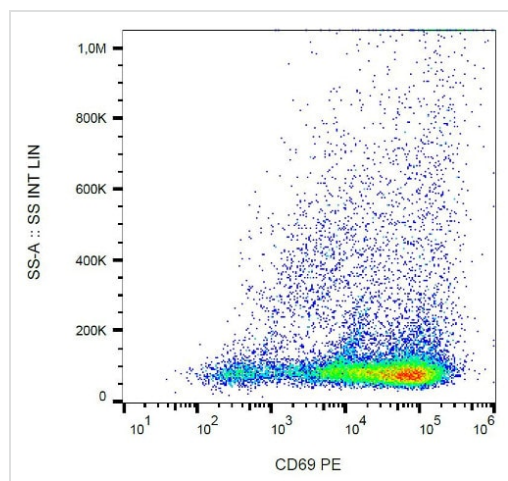
### Post-translational modifications

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

### Cellular localization

Membrane.

## Images



Flow Cytometry analysis of human PHA-activated peripheral blood cells labeling CD69 with Anti-CD69 antibody [FN50], prediluted (Phycoerythrin) (ab135932).

Flow Cytometry - PE Anti-CD69 antibody [FN50], prediluted (ab135932)

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit [\*\*https://www.abcam.com/abpromise\*\*](https://www.abcam.com/abpromise) or contact our technical team.

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