

Product datasheet

Anti-CD69 antibody [FN50], prediluted (PerCP) ab135933

★★★★☆ 4 Abreviews 1 References 2 Images

Overview

Product name	Anti-CD69 antibody [FN50], prediluted (PerCP)
Description	Mouse monoclonal [FN50] to CD69, prediluted (PerCP)
Host species	Mouse
Conjugation	PerCP. Ex: 482nm, Em: 675nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human, Cynomolgus monkey
Immunogen	Anti- μ -stimulated Human B lymphocytes.
Positive control	Human whole blood
General notes	The antibody is conjugated with Peridinin-chlorophyll-protein complex (PerCP) under optimum conditions.

Properties

Form	Prediluted
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.1% Sodium azide Constituents: 99% PBS, 0.2% BSA
Purity	BSA is high-grade protease free Size exclusion
Purification notes	The ab135933 conjugate is made from a highly purified antibody (>95% by SDS-PAGE).
Clonality	Monoclonal
Clone number	FN50
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab135933** 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
-------------	-----------	-------

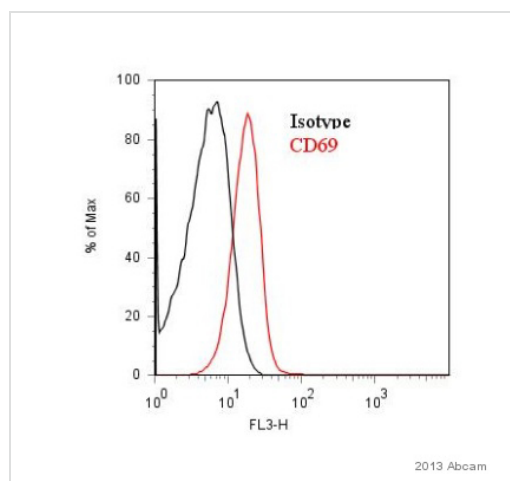
Flow Cyt ★★★★★ Use 20µl for 10⁶ cells.
(In 100 µl of whole blood).

[ab118658](#) - 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

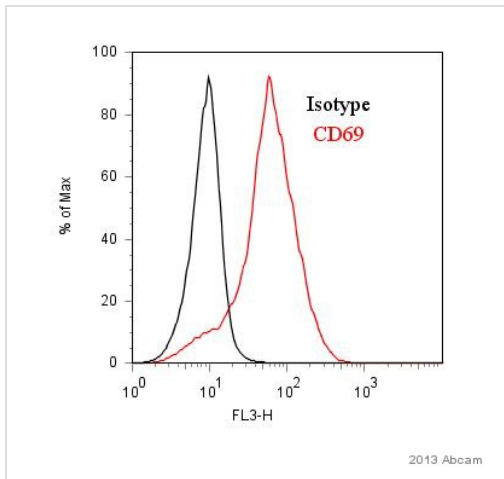


Flow cytometry analysis of Human whole blood from buffy coat, staining CD69 with ab135933. Cells were stimulated with anti-CD3/CD28 overnight before isolation by a Ficoll density gradient. The sample was incubated with the primary antibody (1/100 in 1% BSA in PBS) for 1 hour at 4°C.

Gating Strategy: Live lymphocytes

Flow Cytometry - Anti-CD69 antibody [FN50],
prediluted (PerCP) (ab135933)

This image is courtesy of an anonymous Abreview



Flow cytometry analysis of Cynomolgus monkey whole blood after red blood cell lysis, staining CD69 with ab135933. Cells were stimulated with PMA overnight and fixed with paraformaldehyde. The sample was incubated with the primary antibody (1/100 in 1% BSA in PBS) for 1 hour at 4°C.

Gating Strategy: Live lymphocytes

Flow Cytometry - Anti-CD69 antibody [FN50],
 prediluted (PerCP) (ab135933)

This image is courtesy of an anonymous Abreview

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors