

Anti-CD69 antibody [FN50] ab51862

3 References

Overview

Product name	Anti-CD69 antibody [FN50]
Description	Mouse monoclonal [FN50] to CD69
Host species	Mouse
Tested applications	Suitable for: IHC-Fr, Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD69. Stimulated human B-lymphocytes (a cell suspension).
General notes	<p>Original vial: 1 year at 4° - 8°C Stock solution or aliquots: 1 year at -20°C. Avoid repeated thawing and freezing.</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&As</p>

Properties

Form	Lyophilized:Reconstitute by adding 0.5ml distilled water.
Storage instructions	Shipped at 4°C. Store at 4°C (stable for up to 12 months). Store at -20°C. Avoid freeze / thaw cycle. Please see notes section.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: BSA, PBS, Water</p>
Purification notes	Purified from tissue culture supernatant by affinity chromatography.
Clonality	Monoclonal
Clone number	FN50
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab51862 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
IHC-Fr		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab170190 - 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.

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

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