

## Product datasheet

### Anti-CD69 antibody [H1.2F3] ab25190

#### 2 References

#### Overview

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<b>Product name</b>	Anti-CD69 antibody [H1.2F3]
<b>Description</b>	Armenian Hamster monoclonal [H1.2F3] to CD69
<b>Host species</b>	Armenian hamster
<b>Specificity</b>	ab25190 recognises mouse CD69/Very Early Activation Antigen (VEA),.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-FoFr, Flow Cyt, IP, Cellular Activation
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Tissue/ cell preparation (Mouse) - Y245 mouse dendritic epidermal T cell line.
<b>General notes</b>	

This antibody augments PMA-induced T-cell proliferation, and induces redirected lysis of Fc receptor-bearing target cells by NK cells.

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

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 8.2 Constituent: 100% Borate buffered saline
<b>Purity</b>	Affinity purified
<b>Primary antibody notes</b>	This antibody augments PMA-induced T-cell proliferation, and induces redirected lysis of Fc receptor-bearing target cells by NK cells.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	H1.2F3
<b>Isotype</b>	IgG

Light chain type

lambda

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab25190 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-FoFr		Use at an assay dependent concentration. PubMed: 22483694
Flow Cyt		Use at an assay dependent concentration. Pubmed:2838547 and Pubmed:2026886. <b>ab18474</b> - Armenian Hamster monoclonal IgG, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration. Please see: Pubmed:2838547.
Cellular Activation		Use at an assay dependent concentration. T cell and NK cells. Please see: Pubmed:2838547 and Pubmed:2026886.

## Target

<b>Function</b>	Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets.
<b>Tissue specificity</b>	Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets.
<b>Sequence similarities</b>	Contains 1 C-type lectin domain.
<b>Developmental stage</b>	Earliest inducible cell surface glycoprotein acquired during lymphoid activation.
<b>Post-translational modifications</b>	Constitutive Ser/Thr phosphorylation in both mature thymocytes and activated T-lymphocytes.
<b>Cellular localization</b>	Membrane.

**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> or contact our technical team.

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