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Datasheet for ABIN6961684  
**anti-CD69 antibody (PerCP-Cy5.5)**

1 Image

### Overview

Quantity:	25 µg
Target:	CD69
Reactivity:	Mouse
Host:	Armenian Hamster
Clonality:	Monoclonal
Conjugate:	This CD69 antibody is conjugated to PerCP-Cy5.5
Application:	Flow Cytometry (FACS)

### Product Details

Clone:	H1-2F3
Isotype:	IgG
Purification:	This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

### Target Details

Target:	CD69
Alternative Name:	CD69 ( <a href="#">CD69 Products</a> )
Background:	The H1.2F3 antibody reacts with mouse CD69, a type II transmembrane glycoprotein also known as the Very Early Activation Antigen, EA-1, Leu23, Activation Inducer Molecule (AIM) and

## Target Details

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CLEC2C. CD69 is expressed as a 60 kDa disulfide-linked homodimer on activated T and B cells, NK cells, neutrophils and monocytes. Induction occurs rapidly upon activation. It is also constitutively expressed on platelets and a subset of thymocytes. CD69 acts as a co-stimulatory molecule involved in activation and proliferation of T cells, and may be a marker for thymocytes undergoing TCR-mediated positive selection. Co-stimulation with the H1.2F3 clone has been reported to enhance T cell and macrophage activation. Please choose the appropriate format for each application.

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Gene ID: 12515

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UniProt: [P37217](#)

## Application Details

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Application Notes: This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

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Comment: 0.2 mg/mL

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Restrictions: For Research Use only

## Handling

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Buffer: 10 mM NaH<sub>2</sub>PO<sub>4</sub>, 150 mM NaCl, 0.09 % Sodium azide, 0.1 % gelatin, pH 7.2

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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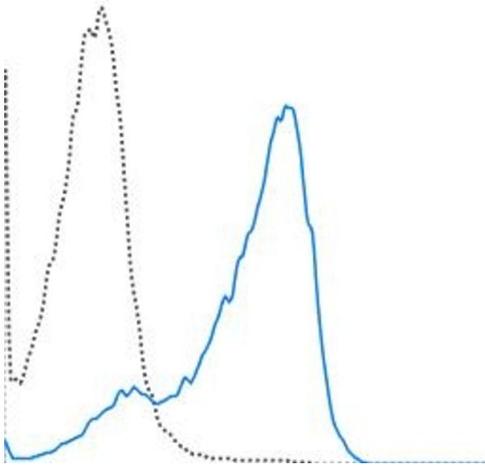
Storage: 4 °C

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Storage Comment: 2-8°C protected from light

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Expiry Date: 12 months



### Flow Cytometry

**Image 1.** C57Bl/6 splenocytes were stimulated overnight with ConA and then stained with 0.5 µg PerCP-Cyanine5.5 Anti-Mouse CD69 (ABIN6961684) (solid line) or 0.5 µg PerCP-Cyanine5.5 Armenian hamster isotype control (dashed line).