

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 610 Anti-Mouse CD69 Antibody[H1.2F3]

Catalog Number: E-AB-F1187T

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse

Host Armenian Hamster
Isotype Armenian Hamster IgG

Clone No. H1.2F3

Isotype Control Elab Fluor® Violet 610 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-

F09852T1

Conjugation Elab Fluor® Violet 610

Conjugation Information Elab Fluor® Violet 610 is designed to be excited by the violet laser (405 nm) and detected

using an optical filter centered near 613 nm (e.g., a 615/20 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

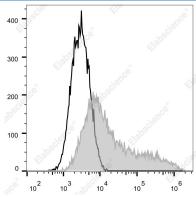
Applications Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Staining of the 293T cells transfected with pcDNA3.1 plasmid

encoding Mouse CD69 gene with Elab Fluor[®] Violet 610 Anti-Mouse CD69[H1.2F3](filled gray histogram) or Elab

Fluor[®] Violet 610 Armenian Hamster IgG Isotype Control(empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names AIM;CLEC2C;EA1;GP32/28;MLR-3;VEA

Uniprot ID P37217

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Elabscience Bionovation Inc.



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Gene ID

Background

12515

CD69 is a 60 kD type II membrane protein composed of a 27/33 kD disulfide-linked homodimer, also known as Very Early Activation Antigen (VEA), AIM, EA1, MLR3, and gp34/28. It is expressed on a subset of thymocytes and platelets. CD69 is rapidly induced on activated T and B cells, neutrophils, and NK cells. It is a C-type lectin, closely related to the NKR-P1 and Ly-49 NK cell activation molecules. CD69 is involved in the early events of cell activation and thymocyte positive selection.