

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 700 Anti-Mouse CD69 Antibody[H1.2F3]

Catalog Number: E-AB-F1187UM1

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® 700 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853M1]

Conjugation Elab Fluor® 700

Conjugation Information Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

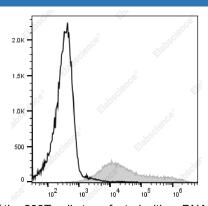
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM i

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μ g/10⁶ cells in 100 μ L volume].

Data



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

encoding Mouse CD69 gene with Elab Fluor® 700 Anti-Mouse CD69 Antibody[H1.2F3](filled gray histogram) or Elab

Fluor[®] 700 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 lce bag

Antigen Information

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

 Uniprot ID
 P37217

 Gene ID
 12515

For Research Use Only

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Elabscience[®]

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Background

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.

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