

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

Catalog Number: E-AB-F1187UT

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

Description

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|--------------------------------|--|
| 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-F09853T] |
| 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 and 1% protein protectant. |

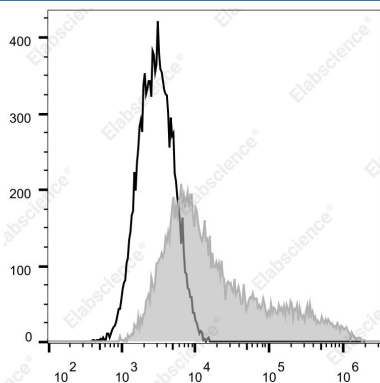
Applications

Recommended usage

FCM

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 µg/10⁶ cells in 100 µL volume].

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

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|-----------------|---|
| 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 |
|------------------------|----------------------------------|

For Research Use Only

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Rev. V1.7

Uniprot ID

P37217

Gene ID

12515

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.