

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

Catalog Number: E-AB-F1187M1

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® 700 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852M1] |
| 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% sodium azide and 1% BSA. |

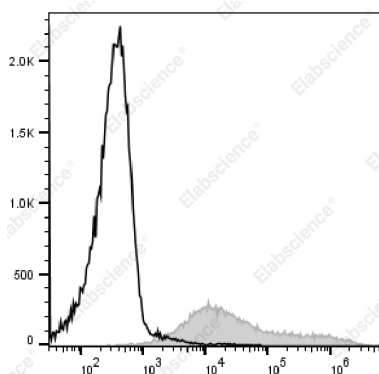
Applications

Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL 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® 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

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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

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|------------------------|----------------------------------|
| Alternate Names | AIM;CLEC2C;EA1;GP32/28;MLR-3;VEA |
| Uniprot ID | P37217 |
| Gene ID | 12515 |

For Research Use Only

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.