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PE/Cyanine7 Anti-Mouse CD69 Antibody[H1.2F3]

Catalog Number: E-AB-F1187UH

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 PE/Cyanine7 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853H]

Conjugation PE/Cyanine 7

Conjugation Information PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm

(e.g., a 780/60 nm bandpass filter).

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

Applications Recommended usage

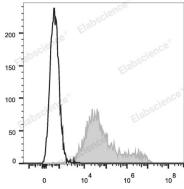
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

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 μ g/10⁶ cells is 4.00 μ L values 1

in 100 µL volume].

Data



HEK293T cells transiently transfected with pcDNA3.1 plasmid encoding Mouse CD69 gene are stained with PE/Cyanine7 Anti-Mouse CD69 Antibody (filled gray histogram). Unstained HEK293T cells (empty black histogram) are used as control.

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

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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.

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