

Manufacturer/Supplier:

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Product name: Anti-Human CD69 Monoclonal Antibody(APC
Conjugated)

Catalog: DL21710F

Synonyms: Early activation antigen CD69, Activation inducer
molecule, AIM, EA1, MLR-3

Background: CD69 is a 27-33 kD type II transmembrane protein also known as activation inducer molecule (AIM), very early activation antigen (VEA), and MLR3. It is a member of the C-type lectin family, expressed as a disulfide-linked homodimer. Other members of this receptor family include NKG2, NKR-P1 CD94, and Ly49. CD69 is transiently expressed on activated leukocytes including T cells, thymocytes, B cells, NK cells, neutrophils, and eosinophils. CD69 is constitutively expressed by a subset of medullary

mature thymocytes, platelets, mantle B cells, and certain CD4⁺ T cells in germinal centers of normal lymph nodes. CD69 is involved in early events of lymphocyte, monocyte, and platelet activation, and has a functional role in redirected lysis mediated by activated NK cells.

Form: Liquid

Isotype: Mouse IgG1, κ

Size:

Host: Mouse

20Tests/100Tests/100Tests \times 2

Reactivity: Human

Application: FCM

Concentration: 5 μ L

Conjugation: APC

SwissProt: Q07108

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

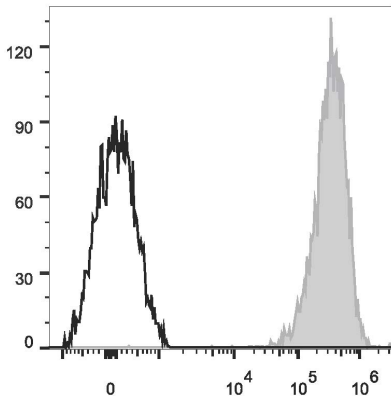
Recommended Use:

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:

PMA and ionomycin-stimulated (4h) Jurkat cells are stained with Anti-Human CD69 Monoclonal Antibody(APC Conjugated)(filled gray histogram) or Mouse IgG1, κ Isotype Control(APC Conjugated)(empty black histogram).



Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.