

ARG22058 anti-CD69 antibody [H1.2F3] (PE-Cyanine 5)

Package: 50 µg
Store at: 4°C

Summary

| | |
|---------------------|---|
| Product Description | PE-Cyanine 5-conjugated Hamster Monoclonal antibody [H1.2F3] recognizes CD69 |
| Tested Reactivity | Ms |
| Tested Application | Cell-Act , FACS, IHC-Fr |
| Specificity | Mouse CD69 |
| Host | Hamster |
| Clonality | Monoclonal |
| Clone | H1.2F3 |
| Isotype | IgG1 |
| Target Name | CD69 |
| Species | Mouse |
| Immunogen | Mouse dendritic epidermal cell line Y245 |
| Conjugation | PE-Cyanine 5 |
| Alternate Names | GP32/28; Activation inducer molecule; MLR-3; BL-AC/P26; Leukocyte surface antigen Leu-23; AIM; Early activation antigen CD69; Early T-cell activation antigen p60; EA1; CD antigen CD69; CLEC2C; C-type lectin domain family 2 member C |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|--------------------------------|
| | Cell-Act | Assay-dependent |
| | FACS | < 0.2 µg/10 ⁶ cells |
| | IHC-Fr | Assay-dependent |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

| | |
|---------------------|--|
| Form | Liquid |
| Buffer | PBS, 0.1% Sodium azide and Sucrose. |
| Preservative | 0.1% Sodium azide |
| Stabilizer | Sucrose |
| Concentration | 0.1 mg/ml |
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 12515 Mouse](#)

[Swiss-port # P37217 Mouse](#)

Gene Symbol

CD69

Gene Full Name

CD69 antigen

Background

This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets. [provided by RefSeq, Aug 2011]

Function

Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets. [UniProt]

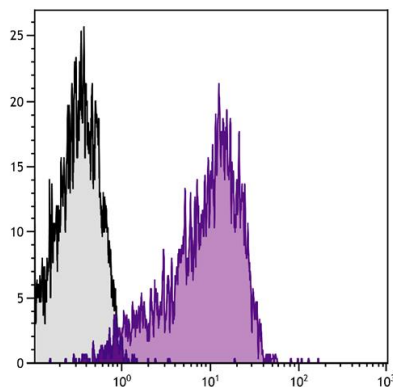
Calculated Mw

23 kDa

PTM

Constitutive Ser/Thr phosphorylation in both mature thymocytes and activated T-lymphocytes.

Images



ARG22058 anti-CD69 antibody [H1.2F3] (PE-Cyanine 5) FACS image

Flow Cytometry: PMA and ionomycin stimulated BALB/c Mouse splenocytes stained with ARG22058 anti-CD69 antibody [H1.2F3] (PE-Cyanine 5).