

ARG22055 anti-CD69 antibody [H1.2F3] (Biotin)

Package: 100 µg
Store at: 4°C

Summary

Product Description	Biotin-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	Biotin
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	< 1 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 and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 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]

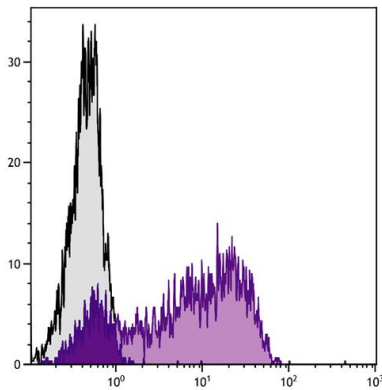
Calculated Mw

23 kDa

PTM

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

Images



ARG22055 anti-CD69 antibody [H1.2F3] (Biotin) FACS image

Flow Cytometry: Con-A stimulated BALB/c Mouse splenocytes stained with ARG22055 anti-CD69 antibody [H1.2F3] (Biotin) followed by Streptavidin (FITC).