ARG22059
anti-CD69 antibody [H1.2F3] (low endotoxin)

Package: 250 µg
Store at: -20°C

Summary

Product Description	Azide free and low endotoxin Hamster Monoclonal antibody [H1.2F3] recognizes CD69
Tested Reactivity	Ms
Tested Application	Cell-Act , FACS, IHC-Fr, IP
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	Un-conjugated
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
IP	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
Purification Note	Low endotoxin
Buffer	PBS
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. 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.