

**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 <sup>6</sup> 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

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Database links	<a href="#">GeneID: 12515 Mouse</a> <a href="#">Swiss-port # P37217 Mouse</a>
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.