

## ARG53892 anti-CD69 antibody [FN50] (PerCP)

Package: 100 tests  
Store at: 4°C

### Summary

Product Description	PerCP-conjugated Mouse Monoclonal antibody [FN50] recognizes CD69
Tested Reactivity	Hu
Tested Application	FACS
Specificity	The clone FN50 recognizes CD69, an lymphocyte early activation marker. HLDA IV; WS Code A 91
Host	Mouse
Clonality	Monoclonal
Clone	FN50
Isotype	IgG1
Target Name	CD69
Species	Human
Immunogen	anti- $\mu$ -stimulated human B lymphocytes
Conjugation	PerCP
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
	FACS	10 $\mu$ l / 10 <sup>6</sup> cells

**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	The purified antibody is conjugated with Peridinin-chlorophyll-protein complex (PerCP) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Buffer	PBS, 15 mM Sodium azide and 0.2% (w/v) high-grade protease free BSA
Preservative	15 mM Sodium azide
Stabilizer	0.2% (w/v) high-grade protease free BSA
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

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Database links

[GeneID: 969 Human](#)

[Swiss-port # Q07108 Human](#)

Gene Symbol

CD69

Gene Full Name

CD69 molecule

Background

CD69 (C-type lectin domain family 2 C, CLEC2C, also known as AIM) is one of the earliest inducible cell surface molecules acquired during leukocyte activation. This glycoprotein serves as a lectin-type receptor in lymphocytes, NK cells and platelets; it is involved in lymphocyte proliferation. CD69 expression is counteracted on T cells in the AIDS stage of HIV infection, and may be also predictive for clinical response to chemoimmunotherapy.

Function

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

Research Area

Developmental Biology antibody; Immune System antibody

Calculated Mw

23 kDa

PTM

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

## Images

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### ARG53892 anti-CD69 antibody [FN50] (PerCP) FACS image

Flow Cytometry: Human peripheral blood cells with overnight activation of T cells stained with ARG53892 anti-CD69 antibody [FN50] (PerCP).

