

# Product datasheet

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# 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-μ-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 μl / 10^6 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.

#### Bioinformation

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,

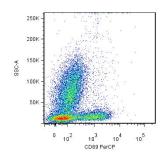
natural killer (NK) cells, and platelets. [UniProt]

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**



#### 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).