

ARG53891 anti-CD69 antibody [FN50] (PE)

Package: 100 tests Store at: 4°C

Summary

Product Description	PE-conjugated Mouse Monoclonal antibody [FN50] recognizes CD69
Tested Reactivity	Ни
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	lgG1
Target Name	CD69
Species	Human
Immunogen	anti-µ-stimulated human B lymphocytes
Conjugation	PE
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	20 μl / 10^6 cells
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

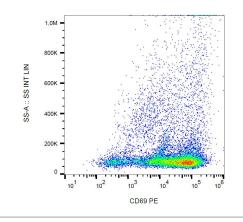
Properties

Form	Liquid
Purification Note	The purified antibody is conjugated with R-Phycoerythrin (PE) 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.

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

Bioinformation

Images



ARG53891 anti-CD69 antibody [FN50] (PE) FACS image

Flow Cytometry: Human PHA-activated peripheral blood stained with ARG53891 anti-CD69 antibody [FN50] (PE).