

Product datasheet for **AM03132AC-N**

CD69 Mouse Monoclonal Antibody [Clone ID: FN50]

Product data:

Product Type:	Primary Antibodies
Clone Name:	FN50
Applications:	FC
Recommended Dilution:	Flow cytometry (use 10 µl reagent / 100 µl of whole blood or 10e6 cells in a suspension). The content of a vial (1 ml) is sufficient for 100 tests.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Anti-µ-stimulated human B lymphocytes
Specificity:	The antibody recognizes CD69, an lymphocyte early activation marker detected as a 53 kDa band under nonreducing and as 29 + 32 kDa double band under reducing SDS-PAGE conditions.
Formulation:	Phosphate buffered saline (PBS) containing 15 mM sodium azide and 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent. Label: APC State: Liquid purified Ig fraction Label: Conjugated with cross-linked Allophycocyanin under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use
Conjugation:	APC
Storage:	Store the antibody at 2 - 8 °C. DO NOT FREEZE! Centrifuge vial before opening. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD69 molecule
Database Link:	Entrez Gene 969 Human Q07108



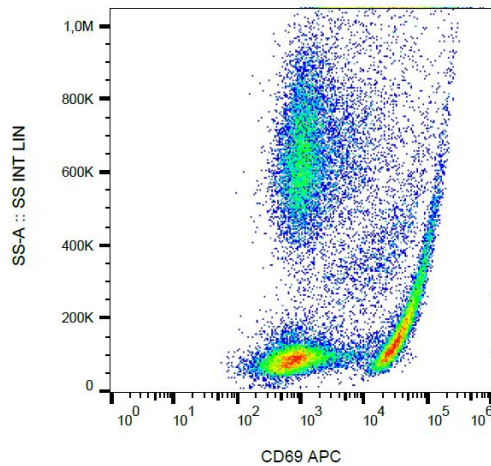
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Background:

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.

Synonyms:

GP32/28, Leu-23, MLR-3, EA1, BL-AC/P26, AIM

Product images:

Surface staining of human peripheral blood using anti-CD69 antibody (clone FN50) APC.