

Product datasheet for **AM03132FC-N**

CD69 Mouse Monoclonal Antibody [Clone ID: FN50]

Product data:

Product Type:	Primary Antibodies
Clone Name:	FN50
Applications:	FC
Recommended Dilution:	Flow Cytometry analysis of human blood cells using 20 ml reagent / 100 ml of whole blood or 10e6 cells in a suspension. The content of a vial (2 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:	PBS containing 15 mM sodium azide and 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent. Label: FITC State: Liquid purified Ig fraction Label: Conjugated with Fluorescein isothiocyanate under optimum conditions. The reagent is free of unconjugated and adjusted for direct use. No reconstitution is necessary
Conjugation:	FITC
Storage:	Store the antibody at 2 - 8 °C. DO NOT FREEZE! 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



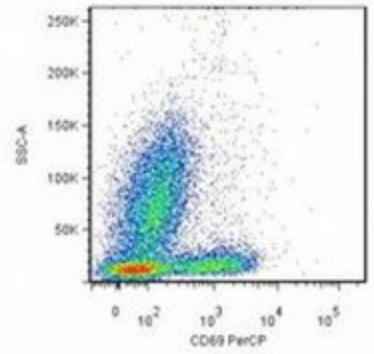
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Background:

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) after overnight activation of T cells by anti-CD3 (clone MEM-57).