

## Product datasheet for **AM03132PP-N**

### CD69 Mouse Monoclonal Antibody [Clone ID: FN50]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	FN50
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry analysis</b> of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> 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:	This antibody recognizes CD69, an lymphocyte early activation marker.
Formulation:	Phosphate buffered saline (PBS) Label: PerCP State: Liquid purified Ig fraction Stabilizer: 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) Preservative: 15 mM sodium azide Label: Conjugated with Peridinin-chlorophyll-protein complex (PerCP) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Conjugation:	PerCP
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! This products is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD69 molecule
Database Link:	<a href="#">Entrez Gene 969 Human Q07108</a>



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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