

TECHNICAL DATA SHEET

CyFlow™ CD69 Purified Anti-Hu; Clone FN50

REF BQ969908

For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Specifications

Antigen	CD69
Alternative Names	AIM, VEA
Clone	FN50
Clonality	monoclonal
Format	Purified
Host / Isotype	Mouse / IgG1
Species Reactivity	Human
Negative Species Reactivity	—
Quantity [Concentration]	0.1 mg [1 mg/ml]
Immunogen	Anti- μ -stimulated human B lymphocytes

Specificity

The mouse monoclonal antibody FN50 recognizes CD69 antigen, a lymphocyte early activation marker

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Application

Based on published sources, this antibody is suitable for the following applications:

- Flow cytometry
- Immunohistochemistry (frozen sections)
- Functional assays

Storage Buffer

The reagent is provided in phosphate buffered saline (PBS) solution, pH $\approx$ 7.4, containing 0.1% (w/v) sodium azide.

Storage and Stability

Storage	Avoid prolonged exposure to light. Store in the dark at 2-8°C. Do not freeze.
Stability	Do not use after expiration date stamped on vial label.

Background Information

CD69 (CLEC2C; C-type lectin domain family 2 C or 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.

References

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The Safety Data Sheet for this product is available at www.sysmex-partec.com/services.

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