

1P-552-T025

## Monoclonal Antibody to CD69 Phycoerythrin (PE) conjugated (25 tests)

<b>Clone:</b>	FN50
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	The antibody FN50 recognizes CD69, an lymphocyte early activation marker. HLDA IV; WS Code A 91
<b>Immunogen:</b>	anti- $\mu$ -stimulated human B lymphocytes
<b>Species Reactivity:</b>	Human, Other not determined
<b>Preparation:</b>	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.
<b>Storage Buffer:</b>	The reagent is provided in 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.
<b>Storage / Stability:</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label. Short-term exposure to room temperature should not affect the quality of the reagent. However, if reagent is stored under any conditions other than those specified, the conditions must be verified by the user.
<b>Usage:</b>	The reagent is designed for Flow Cytometry analysis of human blood cells using 20 $\mu$ l reagent / 100 $\mu$ l of whole blood or $10^6$ cells in a suspension. The content of a vial (0.5 ml) is sufficient for 25 tests.
<b>Expiration:</b>	See vial label
<b>Lot Number:</b>	See vial label
<b>Background:</b>	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.

**For laboratory research only, not for drug, diagnostic or other use.**

**Antibodies****References:**

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