EXBIO Antibodies

PRODUCT DATA SHEET

A6-552-T100

Monoclonal Antibody to CD69 Alexa Fluor® 647 conjugated (100 tests)

Clone:	FN50
Isotype:	Mouse IgG1
Specificity:	The antibody FN50 recognizes CD69, an lymphocyte early activation marker. HLDA IV; WS Code A 91
Regulatory Status:	RUO
Immunogen:	anti-μ-stimulated human B lymphocytes
Species Reactivity:	Human, Other not determined
Preparation:	The purified antibody is conjugated with Alexa Fluor® 647 under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Storage Buffer:	The reagent is provided in stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide.
Storage / Stability:	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.
Usage:	The reagent is designed for Flow Cytometry analysis of human blood cells using 4 μl reagent / 100 μl of whole blood or 10^6 cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Expiration:	See vial label
Lot Number:	See vial label
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.

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

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