

Monoclonal antibody against human CD69 APC conjugated

Product Nos. ADG5078 and ADG5078L

Description

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.

Properties

The monoclonal antibody ADG5078/L (clone IT8G1) is a murine monoclonal antibody, subclass IgG₁. The antibody has been purified from culture supernatant using ion exchange chromatography.

The antibody recognizes CD69, a lymphocyte early activation marker.

Conjugation

The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The reagent is adjusted for direct use. No reconstitution is necessary.

Presentation

Vial containing 500 µl (ADG5078) or 2 ml (ADG5078L) of purified antibody in PBS containing 1% BSA and 0.09% sodium azide (pH 7.2). The IgG concentration is 1 mg/ml. Spin the vial briefly before opening.

Storage and Stability

Store the antibody at 4°C. Avoid prolonged exposure to light. The reagent is stable until the expiry date stated on the vial label.

Applications

Flow cytometry.

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