

anti-human CD69 no azide

Monoclonal Antibody FN50 to CD69 (Human)

Cat-No: **21620690**

100 µg in 100 µl

Clone: FN50

Specificity: The antibody FN50 recognizes the CD69 antigen, an early activation marker (within 2h) on T, B and NK-cells, possibly involved in signal transduction. It is also expressed by activated platelets. On flow cytometry the antibody stains > 90% of activated human peripheral blood lymphocytes. This antibody has been studied at the 4. International Workshop on Human Leucocyte Differentiation Antigens.

Isotype subclass: Mouse monoclonal IgG1/kappa

Physical state: Liquid

Buffer/Additives/Preservative: sterile PBS (pH 7.2).

Expiration date: The reagent is stable until the expiry date stated on the vial label.

Storage conditions: Aliquot and store at -20°C. Avoid freeze/thaw cycles. Should be handled under aseptic conditions.

Application: functional application

References:

- *López-Cabrera M and other: 1993 Aug 1;178(2):537-47.
- *Nielsen SD and other: 1998 Oct;114(1):66-72.
- *Pitsios C and other: 2008;68(3):233-41.
- *Konjević G and other: 2007 Nov;37(11):887-96.

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.

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