

# anti-human CD69 APC-conjugated

## APC-conjugated Monoclonal Antibody FN50 to CD69 (Human)

Cat-No: **21620696**

500 µl

**Clone:** FN50

**Specificity:** The antibody FN50 recognizes CD69, an lymphocyte early activation marker.

**HLDA IV; WS Code A 91**

**Isotype subclass:** Mouse monoclonal IgG1/kappa

**Form:** The purified antibody is conjugated with Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution necessary

**Physical state:** Liquid

**Buffer/Additives/Preservative:** PBS containing 1% BSA and 0,09% sodium azide (pH 7.2).

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

**Storage conditions:** Store at 4 °C. Avoid prolonged exposure to light.

**Application:** Flow Cytometry

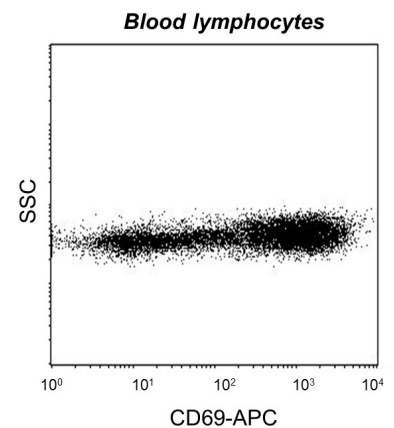
**Background:** **CD69** (C-type lectin domain family 2 C, CLEC2C, also known as AIM) is one of the earliest inducible cell surface molecules acquired during leukocyte activation. This glycoprotein serves as a lectin-type receptor in lymphocytes, NK cells and platelets; it is involved in lymphocyte proliferation. CD69 expression is counteracted on T cells in the AIDS stage of HIV infection, and may be also predictive for clinical response to chemoimmunotherapy.

### 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.

**Warning:** Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research use only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.



**Attention!** Cells from one healthy individual are shown. Cell Populations and staining intensity may vary interindividually.

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