

anti-human CD69

Monoclonal Antibody IT2H11 to CD69 (Human)

Cat-No: **21450691**

100 µg in 100 µl

Clone: IT2H11

Specificity: The antibody IT2H11 recognizes CD69, a lymphocyte early activation marker.

Isotype subclass: Mouse IgG1

Form: Culture supernatant. Purification: Ion exchange chromatography.

Physical state: Liquid

Buffer/Additives/Preservative: PBS with 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. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

Application: Immunohistochemistry

References: Leucocyte Typing V. Schlossman S. et al. (Eds.), Oxford University Press (1995).

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.

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.

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