

Monoclonal antibody against human CD69 (no azide)

Product Nos. ADG5079 and ADG5079L

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 ADG5079/L (clone FN50) is a murine monoclonal antibody, subclass IgG₁ kappa. The antibody has been purified from cell culture supernatant using ion exchange chromatography, Purity > 95% (by SDS-PAGE).

The antibody 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.

Presentation

Vial containing 100 µg /100 µl (ADG5079) or 300 µg/ 300 µl (ADG5079L) of purified antibody in PBS (sterile) pH 7.2. The IgG concentration is 1 mg/ml. Spin the vial briefly before opening.

Storage and Stability

Store the antibody at -20°C. It is recommended to avoid freeze-thaw cycles. Should be handled under aseptic conditions. The reagent is stable until the expiry date stated on the vial label.

Applications

Functional studies.

References

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

Distributed by:

LOXO GMBH

IMMUNOLOGIE • MOLEKULARBIOLOGIE
BIOCHEMIE • PRODUKTE UND SYSTEME

Gerhart-Hauptmann-Str. 48
69221 Dossenheim

Tel +49 6221 868023

Fax +49 6221 8680255

www.loxo.de - info@loxox.de

Hinweis/Note:

Der Packungsbeileger dient nur als erste Information. Der relevante Packungsbeileger liegt der Ware bei.

The datasheet is for information purposes only. The current datasheet will be enclosed with product shipment.

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