

Anti-Hu CD69 Purified Monoclonal Antibody

Catalog Number: M00529

About CD69

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.

Overview

Product Name	Anti-Hu CD69 Purified Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Hu CD69 Purified Monoclonal Antibody (Catalog# M00529). Tested in Flow Cytometry, IHC-F application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-F
Clonality	Monoclonal FN50
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q07108

Technical Details

Immunogen	Anti-mu-stimulated human B lymphocytes. The mouse monoclonal antibody FN50 recognizes an extracellular epitope of CD69, an lymphocyte early activation marker.
Predicted Reactive Species	Primate
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

	Boster Bio's internal QC testing used: Flow cytometry: 1-4 ug/ml.
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Anti-Hu CD69 Purified Monoclonal Antibody (M00529) Images

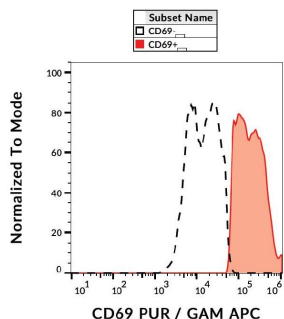


Figure 1. Flow Cytometry validation of CD69 using Anti-Hu CD69 Purified Monoclonal Antibody (M00529).

Flow cytometry analysis (surface staining) of human PHA-activated peripheral blood using anti-CD69 antibody (clone FN50) purified

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