

PE-Labeled Monoclonal Anti-Human CD56 Antibody

Catalog # FABm006-01



Clone

AS388

Host Species

Mouse

Reactivity

Human

Conjugate

PE

Excitation Wavelength: 488 nm / 561 nm

Emission Wavelength: 575 nm

Specificity

This product is a specific antibody specifically reacts with CD56 protein.

Application

This PE-CD56 Antibody is specifically developed for flow cytometry applications to detect the expression of CD56 on human cells. Additionally, the Human TBNK 6-color Cocktail Flow Panel kit (Cat. No. [ICA-A001](#)) is available, with the PE-CD56 Antibody being one component of the kit.

Recommended Dilution

1:20

Isotype Control

The isotype control is sold separately; please refer to Cat. No. [DNP-PM486](#) for product information.

Form

Liquid

Formulation

Supplied as 0.2 µm-filtered solution in PBS (pH 7.4) containing 0.03% ProClin 300 and 0.2% BSA, with trehalose as protectant.

Please contact us for customized product forms or formulations.

Shipping

Liquid product is shipped at blue ice.

Storage

Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- Store at 2-8 °C for 12 months.

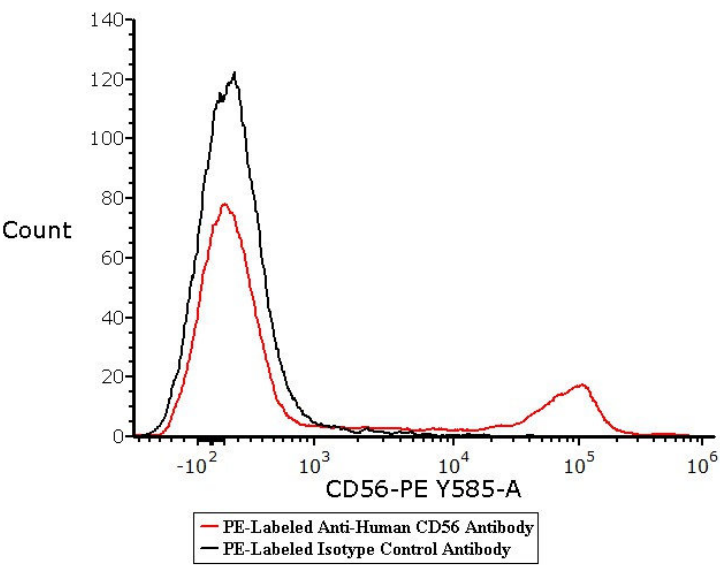
Notices

Product Specific Notices: For research use only.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#).
- [Quality Advantages](#)
- [Quality Control Process](#)

Bioactivity-FACS



Flow cytometric analysis of Human peripheral blood lymphocytes respectively staining with PE-Labeled Monoclonal Anti-Human CD56 Antibody Mouse IgG2b (Cat. No. FABm006-01) at 1:20 dilution (5 μ L of the antibody stock solution corresponds to labeling of 2.5e5 cells in a final volume of 100 μ L), compared with isotype control antibody. PE signal was used to evaluate the binding activity (QC tested).

Background

NCAM1 belongs to the immunoglobulin superfamily of adhesion molecules. A wide range of alternatively spliced NCAM1 messenger RNAs (mRNAs) has been described to date, but only the 120-, 140-, and 180- kDa isoforms are commonly expressed. NCAM1 plays an important role in the regulation of neurogenesis, neurite outgrowth, proliferation, and cell migration, however, its function in hematopoiesis, including NK cells, is poorly understood. NCAM1 signaling is mediated either by homophilic or heterophilic interactions with fibroblast growth factor receptor (FGFR), L1-CAM, N-cadherin and other components of the extracellular matrix. Upon activation, NCAM1 triggers a variety of signaling cascades including FYN–focal adhesion kinase (FAK), MAPK, and phosphatidylinositol 3-kinase (PI3K) pathways.



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