

PE-Labeled Monoclonal Anti-Human CD11b Antibody, Mouse IgG1 (AS673) (0.03% Proclin)

Catalog # FABm066-01



Source

Monoclonal Anti-Human CD11b Antibody, Mouse IgG1 (AS673) is a mouse monoclonal antibody, which provides higher batch consistency and long term security of supply.

Clone

AS673

Isotype

Mouse IgG1, Kappa

Host Species

Mouse

Reactivity

Human

Immunogen

Purified Human CD11b Protein

Conjugate

PE

Excitation Wavelength: 488 nm / 561 nm

Emission Wavelength: 575 nm

Specificity

This product is a specific antibody specifically reacts with CD11b protein.

Application

Flow Cytometry (Evaluation of the expression of CD11b on Human cells).

Recommended Dilution

1:20

Isotype Control

The isotype control is sold separately; please refer to Cat. No. [DNP-PM1](#) 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.

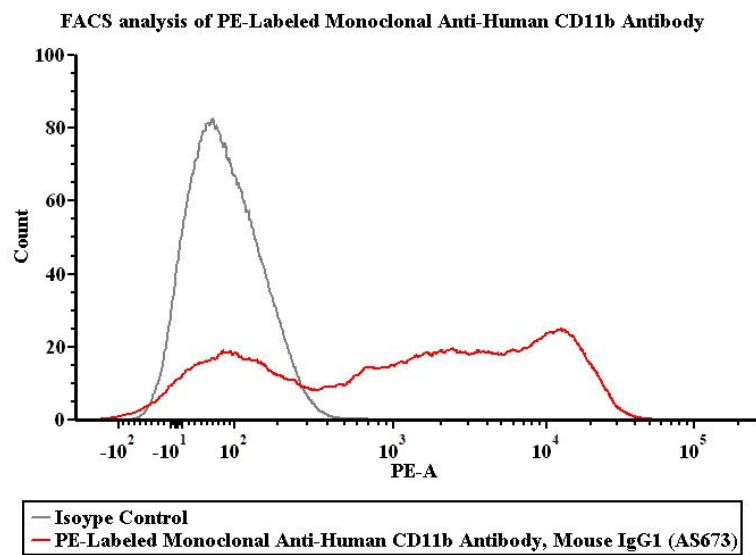
Notices

Product Specific Notices: For research use only.

ACRO Quality Management System

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

Bioactivity-FACS



Flow cytometric analysis of Human PBMC cell staining with PE-Labeled Monoclonal Anti-Human CD11b Antibody, Mouse IgG1 (AS673) (Cat. No. FABm066-01) at 1:20 dilution (5 μ L of the antibody stock solution corresponds to labeling of 1e6 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

CD11b, a 170 kDa glycoprotein also named α M integrin, Mac-1 α subunit, Mol, CR3 and Ly-40, is an integrin family member. It is primarily expressed on granulocytes, monocytes/macrophages, dendritic cells, NK cells and subsets of T/B cells, and non-covalently associates with CD18 (β 2 integrin) to form Mac-1. Mac-1 mediates cell-cell interactions by binding ligands including ICAM-1 (CD54), ICAM-2 (CD102), ICAM-4 (CD242), iC3b and fibrinogen. As a specific marker of the 165 kDa α subunit of CD11b/CD18 heterodimer, CD11b serves as a key target for flow cytometry analysis of immune cell functions.



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