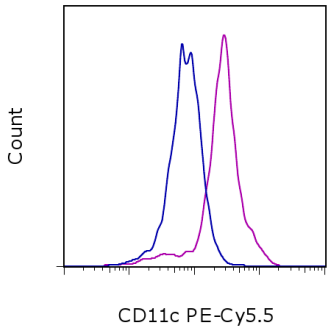
Anti-Human CD11c PE-Cyanine5.5

Catalog Number: 35-0116
Also known as: Integrin alpha X, Integrin aX, ITGAX
RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control PE-Cyanine5.5 (cat. 35-4714) (blue histogram) or Anti-Human CD11c PE-Cyanine5.5 (purple histogram). Cells in the monocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD11c PE-Cyanine5.5
REF **Catalog Number:** 35-0116
Clone: 3.9
Concentration: 5 uL (1.0 ug)/test
Host/Isotype: Mouse IgG1, kappa
HLDA Workshop: III NL707

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C. Do not freeze. Light-sensitive material.
LOT **Batch Code:** Refer to vial
Use By: Refer to vial
Contains sodium azide

Description

The 3.9 monoclonal antibody reacts with human CD11c, the 150 kDa integrin alpha X chain. CD11c non-covalently associates with beta2 integrin to form the CD11c/CD18 heterodimer. This complex is expressed on monocytes, granulocytes, macrophages, NK, dendritic cells and subset of T and B lymphocytes. CD11c/CD18 binds to CD54, iC3b and fibrinogen and plays a role in leukocyte adhesive interactions.

Applications Reported

This 3.9 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This 3.9 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (1.0 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

References

Schlossman, S., L. Bloumsell, et al. eds (1995). Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

Knapp, W., B. Dorken, et al. eds. (1989). Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press. New York.

McMichael, A.J., P.C.L. Beverly, et al. eds. (1987). Leucocyte Typing III: White Cell Differentiation Antigens. Oxford University Press. New York.

Related Products

00-4222 Flow Cytometry Staining Buffer
12-0118 Anti-Human CD11b PE (ICRF44)
35-4714 Mouse IgG1 K Isotype Control PE-Cyanine5.5 (P3.6.2.8.1)

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Legal

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