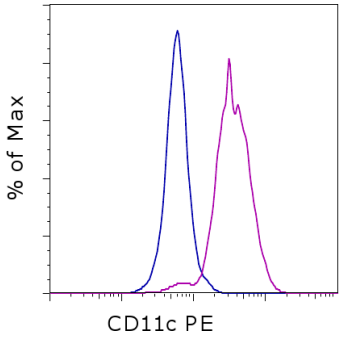
Anti-Human CD11c PE

Catalog Number: 12-0116
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 kappa Isotype Control PE (cat. 12-4714) (blue histogram) or Anti-Human CD11c PE (purple histogram). Cells in the monocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD11c PE
REF **Catalog Number:** 12-0116
Clone: 3.9
Concentration: 5 uL (1 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
Caution, contains Azide

Description

The 3.9 monoclonal antibody reacts with human CD11c, the 150 kDa integrin α_X chain. CD11c non-covalently associates with β_2 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

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

Applications Tested

The 3.9 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 5 µl (1 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

McMichael, A.J., P.C.L. Beverly, et al. eds. (1987). Leucocyte Typing III: 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.

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

Related Products

12-4714 Mouse IgG1 K Isotype Control PE (P3.6.2.8.1)

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