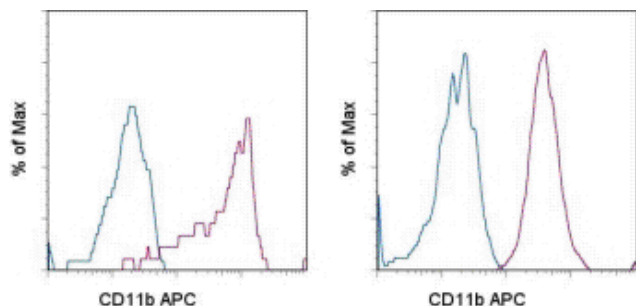# Anti-Human CD11b APC

Catalog Number: 17-0118
Also Known As: Integrin alpha M, ITGAM, Mac-1 alpha (Mac1A), Complement Receptor 3 alpha (CR3A)
RUO: For Research Use Only

Staining of normal human peripheral blood cells with Mouse IgG1 kappa Isotype Control APC (cat. 17-4714) (blue histogram) or Anti-Human CD11b APC (purple histogram). Cells in the monocyte (left) or granulocyte (right) gate were used for analysis.

Product Information

Contents: Anti-Human CD11b APC

REF **Catalog Number:** 17-0118

Clone: ICRF44

Concentration: 5 ul (0.5 ug)/test

Host/Isotype: Mouse IgG1, kappa

HLDA Workshop: IV M047

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 ICRF44 monoclonal antibody reacts with human CD11b, a 165 kDa adhesion molecule. CD11b associated with integrin β_2 (CD18) is expressed on the surface of monocytes, granulocytes, activated lymphocytes and a subset of NK cells. CD11b is a receptor for intercellular adhesion molecule family members CD54, CD102 and CD50 as well as for iC3b. These adhesions are crucial in cell-cell and cell-matrix interactions.

Applications Reported

This ICRF44 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This ICRF44 antibody has been pre-titrated and tested by flow cytometric analysis of normal human blood cells. This can be used at 5 µl (0.5 µg)/per test. A test is defined as the amount (µg)/test 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

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

Related Products

17-0112 Anti-Mouse CD11b APC (M1/70)
17-4714 Mouse IgG1 K Isotype Control APC