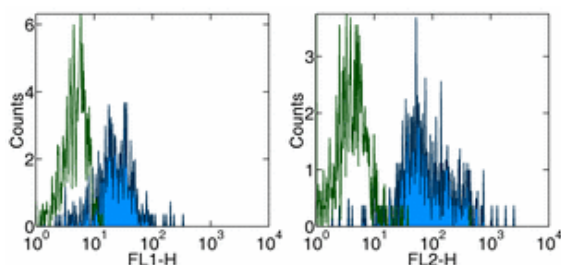


## Anti-Human CD11c Purified

Catalog Number: 14-0116

Also Known As: Integrin alpha X, Integrin  $\alpha$ X, ITGAX, p150/95, leu M5 alpha

RUO: For Research Use Only



Staining of normal human peripheral blood cells with Anti-Human CD11c FITC (left) and PE (right). Appropriate isotype controls were used (open histogram). Cells in the monocyte population were used for analysis.

### Product Information

Contents: Anti-Human CD11c Purified

**REF** Catalog Number: 14-0116

Clone: 3.9

Concentration: 0.5 mg/ml

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.



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  $\alpha$ <sub>X</sub> chain. CD11c non-covalently associates with  $\beta$ <sub>2</sub> 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, and immunohistochemical staining of frozen tissue sections.

### Applications Tested

The 3.9 antibody has been tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at less than or equal to 1  $\mu$ g per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ L. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### 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

11-4011 Anti-Mouse IgG FITC

11-4317 Streptavidin FITC

12-4317 Streptavidin PE

13-4013 Anti-Mouse IgG Biotin (Polyclonal)

14-4714 Mouse IgG1 K Isotype Control Purified

17-4317 Streptavidin APC

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