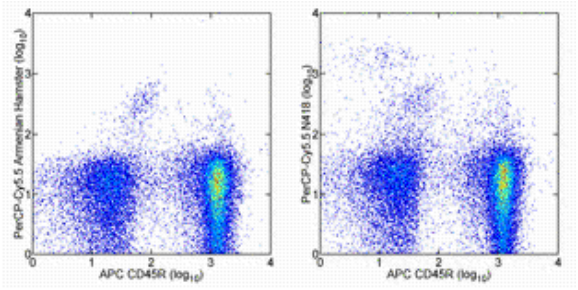
Anti-Mouse CD11c PerCP-Cyanine5.5

Catalog Number: 45-0114
Also Known As: Integrin alpha X, Integrin aX, ITGAX
RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of C57BL/6 splenocytes with Anti-Human/Mouse CD45R (B220) APC (cat. 17-0452) and 0.125 ug of Armenian Hamster IgG Isotype Control PerCP-Cyanine5.5 (cat. 45-4888) (left) or 0.125 ug of Anti-Mouse CD11c PerCP-Cyanine5.5 (right). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD11c PerCP-Cyanine5.5
REF **Catalog Number:** 45-0114
Clone: N418
Concentration: 0.2 mg/mL
Host/Isotype: Armenian Hamster IgG
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 N418 monoclonal antibody reacts with mouse CD11c, the integrin alpha X. CD11c non-covalently associates with beta 2 integrin to form the CD11c/CD18 heterodimer. CD11c is expressed by dendritic cells, a subset of Intestinal Intraepithelial Lymphocytes (IEL) and some activated T cells. CD11c/CD18 binds to CD54, iC3b and fibrinogen and plays a role in leukocyte adhesive interactions. N418 binds to CD11c on splenic dendritic cells in the T-dependent areas of mouse spleen and precipitates a 150, 90 kDa heterodimer.

Applications Reported

This N418 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This N418 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.25 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. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Related Products

17-0452 Anti-Human/Mouse CD45R (B220) APC (RA3-6B2)
45-4888 Armenian Hamster IgG Isotype Control PerCP-Cyanine5.5 (eBio299Arm)

Legal

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.eBioscience.com • info@eBioscience.com