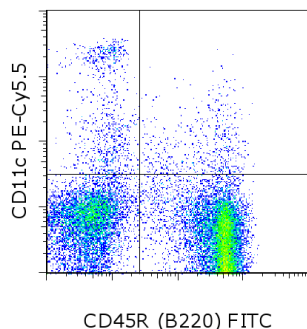


Anti-Mouse CD11c PE-Cyanine5.5

Catalog Number: 35-0114

Also known as: Integrin alpha X, Integrin α X, ITGAX

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of BALB/c splenocytes with Anti-Human/Mouse CD45R (B220) FITC (cat. 11-0452) and 0.25 μ g of Anti-Mouse CD11c PE-Cyanine5.5. Cells in the large scatter population were used for analysis.

Product Information



Contents: Anti-Mouse CD11c PE-Cyanine5.5

Catalog Number: 35-0114

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.

Batch Code: Refer to vial

Use By: Refer to vial

Contains sodium azide



Description

The N418 monoclonal antibody reacts with mouse CD11c, the integrin α X. CD11c non-covalently associates with β 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 splenocyte suspensions. This can be used at less than or equal to 0.5 μ g per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. 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.

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Guiducci C, Vicari AP, Sangaletti S, Trinchieri G, Colombo MP. Redirecting in vivo elicited tumor infiltrating macrophages and dendritic cells towards tumor rejection. *Cancer Res.* 2005 Apr 15;65(8):3437-46. (**N418**, IHC frozen)

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Related Products

35-4888 Armenian Hamster IgG Isotype Control PE-Cyanine5.5 (eBio299Arm)

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