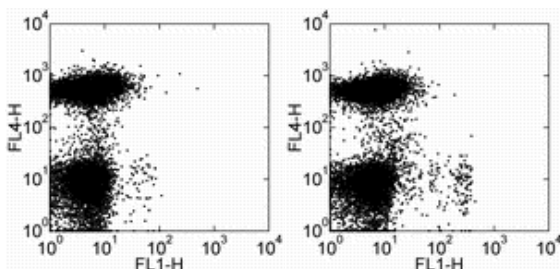


Anti-Mouse CD11c Functional Grade Purified

Catalog Number: 16-0114

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

RUO: For Research Use Only



Staining of C57Bl/6 splenocytes with Anti-Human/Mouse CD45R (B220) APC (cat. 17-0452) and 0.5 μ g of Armenian Hamster IgG Isotype Control Functional Grade Purified (cat. 16-4888) (left) or 0.5 μ g of Anti-Mouse CD11c Functional Grade Purified (right) followed by Anti-Armenian Hamster IgG FITC (cat. 11-4111). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Mouse CD11c Functional Grade Purified

REF **Catalog Number:** 16-0114

Clone: N418

Concentration: 1 mg/ml

Host/Isotype: Armenian Hamster IgG

Handling Conditions: Use in sterile environment.

Endotoxin Level: Less than 0.001 ng/ μ g antibody, as determined by the LAL assay.

Formulation: aqueous buffer, no sodium azide



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to Vial



Use By: Refer to Vial

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

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

Applications Tested

The N418 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions. This can be used at less than or equal to 1 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.

References

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Related Products

11-4111 Anti-Armenian Hamster IgG FITC

11-4317 Streptavidin FITC

12-4317 Streptavidin PE

13-4113 Anti-Armenian Hamster IgG Biotin (Polyclonal)

17-4317 Streptavidin APC

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