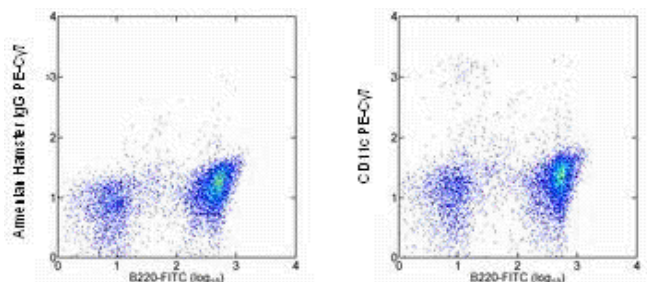


Anti-Mouse CD11c PE-Cyanine7

Catalog Number: 25-0114

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

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



Staining of mouse splenocytes with Anti-Human/Mouse CD45R (B220) FITC (cat. 11-0452) and 0.25 μ g of Armenian Hamster IgG Isotype Control PE-Cyanine7 (cat. 25-4888) (left) or 0.25 μ g of Anti-Mouse CD11c PE-Cyanine7 (right). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD11c PE-Cyanine7

REF **Catalog Number:** 25-0114

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. This tandem dye is sensitive to photo-induced oxidation. Protect this vial from light during storage, handling & experimental procedures.



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 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 splenocytes. 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.

Light sensitivity: This tandem dye is sensitive photo-induced oxidation. Please protect this vial and stained samples from light.

Fixation: Samples can be stored in IC Fixation Buffer (cat. 00-8222) (100 μ L cell sample + 100 μ L IC Fixation Buffer) or 1-step Fix/Lyse Solution (cat. 00-5333) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.

References

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Related Products

11-0452 Anti-Human/Mouse CD45R (B220) FITC (RA3-6B2)

25-0116 Anti-Human CD11c PE-Cyanine7 (3.9)

25-4888 Armenian Hamster IgG Isotype Control PE-Cyanine7 (eBio299Arm)

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