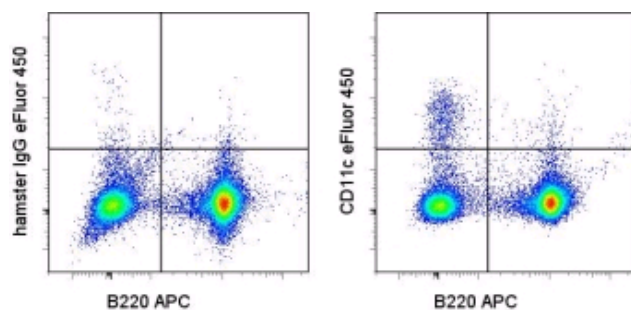


Anti-Mouse CD11c eFluor[®] 450 (Pacific Blue[®] replacement)

Catalog Number: 48-0114

Also Known As: Integrin alpha X, Integrin aX, ITGAX, p150/95, Ieu M5 alpha

RUO: For Research Use Only



Staining of BALB/c splenocytes with Anti-Human/Mouse CD45R (B220) APC (cat. 17-0452) and 0.06 µg of Armenian Hamster IgG Isotype Control eFluor[®] 450 (cat. 48-4888) (left) or 0.06 µg of Anti-Mouse CD11c eFluor[®] 450 (right). Total viable cells were used for analysis.

Product Information

Contents: Anti-Mouse CD11c eFluor[®] 450 (Pacific Blue[®] replacement)


REF Catalog Number: 48-0114

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 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.

eFluor[®] 450 is a replacement for Pacific Blue[®]. eFluor[®] 450 emits at 456 nm and is excited with the Violet laser. Please make sure that your instrument is capable of detecting this fluorochrome.

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 0.125 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

eFluor[™] 450 is a replacement for Pacific Blue[®]. eFluor[™] 450 emits at 456 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

References

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Related Products

48-4888 Armenian Hamster IgG Isotype Control eFluor® 450 (Pacific Blue® replacement) (eBio299Arm)

53-3172 Anti-Mouse CD317 (BST2, PDCA-1) Alexa Fluor® 488 (eBio927)

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