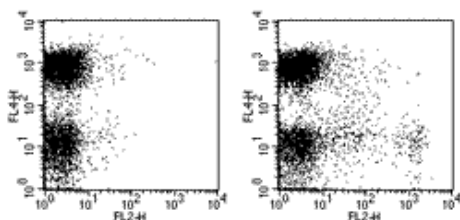


## Anti-Mouse CD11c PE

**Catalog Number:** 12-0114

**Also Known As:** Integrin alpha X, Integrin  $\alpha_X$ , 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 0.25  $\mu$ g of Armenian Hamster IgG Isotype Control PE (cat. 12-4888) (left) or 0.25  $\mu$ g of Anti-Mouse CD11c PE (right). Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Mouse CD11c PE

**REF** **Catalog Number:** 12-0114

**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

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 0.5  $\mu$ g per test. A test is defined as the amount ( $\mu$ g) of antibody that will stain a cell sample in a final volume of 100  $\mu$ 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**

12-4888 Armenian Hamster IgG Isotype Control PE (eBio299Arm)

12-4914 Golden Syrian Hamster IgG Isotype Control PE (n/a)

17-0452 Anti-Human/Mouse CD45R (B220) APC (RA3-6B2)

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