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# FITC Anti-Mouse CD11c Antibody[N418]

Catalog Number: E-AB-F0991C

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### Description

Reactivity Mouse

Host Armenian Hamster
Isotype Armenian Hamster IgG

Clone No. N418

Isotype Control FITC Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

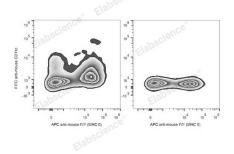
### Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

### **Data**



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse CD11c Antibody and APC Anti-Mouse MHC II (I-A/I-E) Antibody (Left). Splenocytes stained with APC Anti-Mouse MHC II (I-A/I-E) Antibody (Right) are used as control.

#### **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8  $^{\circ}\text{C}$  for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

#### **Antigen Information**

Alternate Names CD11 antigen-like family member C;CD11c;Integrin alpha-X;Itgax;Leukocyte adhesion

receptor p150+95

 Uniprot ID
 Q9QXH4

 Gene ID
 16411

# For Research Use Only

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#### Elabscience Bionovation Inc.

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## **Background**

Elabscience®

CD11c is a 150 kD glycoprotein also known as  $\alpha$ X integrin, CR4, and p150. CD11c forms a  $\alpha$ X $\beta$ 2 heterodimer with  $\beta$ 2 integrin (CD18). It is primarily expressed on dendritic cells, NK cells, a subset of intestinal intraepithelial lymphocytes (IEL), and some activated T cells. The  $\alpha$ X $\beta$ 2 integrin plays an important role in cell-cell contact by binding its ligands: iC3b, fibrinogen and CD54.

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