

A Reliable Research Partner in Life Science and Medicine

PE/Cyanine 5.5 Anti-Mouse CD11c Antibody [N418]

Catalog Number: E-AB-F0991UI

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

Description

Reactivity Mouse

Host Armenian Hamster Isotype Armenian Hamster IgG

N418 Clone No.

PE/Cyanine5.5 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853I] Isotype Control

PE/Cyanine 5.5 Conjugation

Conjugation Information PE/Cyanine5.5 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 690 nm

(e.g., a 690/50 nm bandpass filter).

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

Applications Recommended usage

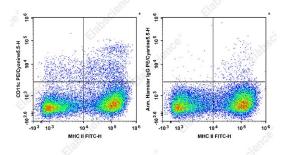
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

> check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the

> reagent to obtain optimal results [The recommended concentration is 0.1-1 μg/10⁶ cells

in 100 µL volume].

Data



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse MHC II (I-A/I-E) Antibody and PE/Cyanine5.5 Anti-Mouse CD11c Antibody[N418] (Left). Splenocytes are stained with FITC Anti-Mouse MHC II (I-A/I-E) Antibody and PE/Cyanine5.5 Armenian Hamster IgG Isotype Control (Right).

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°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

For Research Use Only

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 Uniprot ID
 Q9QXH4

 Gene ID
 16411

Background

CD11c is a 150 kD glycoprotein also known as αX 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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