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

Catalog Number: E-AB-F09911

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-F09852I] 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).

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

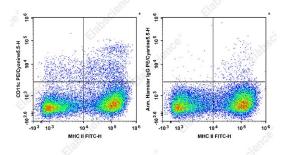
Applications Recommended usage

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 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL 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 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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