

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 450 Anti-Mouse CD11c Antibody[N418]

Catalog Number: E-AB-F0991UQ

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 Elab Fluor® Violet 450 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-

F09853Q1

Conjugation Elab Fluor® Violet 450

Conjugation Information Elab Fluor[®] Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

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

Applications Recommended usage

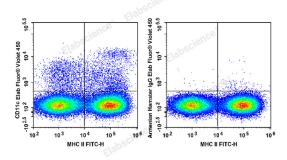
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

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 $\mu g/10^6$ cells

in 100 µL volume].

Data



C57BL/6 murine splenocytes are stained with FITC Anti-

Mouse MHC II Antibody and Elab Fluor® Violet 450 Anti-Mouse CD11c Antibody (Left). Splenocytes are stained with

FITC Anti-Mouse MHC II Antibody and Elab Fluor[®] Violet 450 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

Uniprot ID Q9QXH4

For Research Use Only

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Gene ID Background 16411

CD11c is a 150 kD glycoprotein also known as α X integrin, CR4, and p150. CD11c forms a α X β 2 heterodimer with β 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 α X β 2 integrin plays an important role in cell-cell contact by binding its ligands: iC3b, fibrinogen and CD54.