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.*

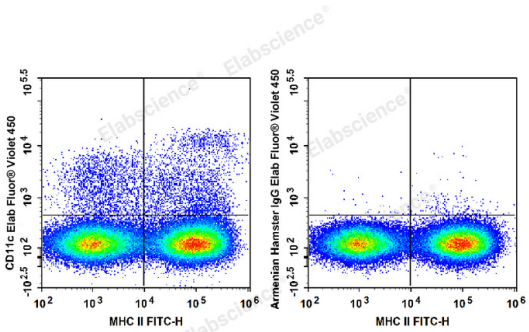
Description

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-F09853Q]
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 μg/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 24 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

Gene ID	16411
Background	CD11c is a 150 kD glycoprotein also known as αX integrin, CR4, and p150. CD11c forms a αXβ2 heterodimer with β2 integrin (CD18). It is primarily expressed on dendritic cells, NK cells, a subset of intestinal intraepithelial lymphocytes (IEL), and some activated T cells. The αXβ2 integrin plays an important role in cell-cell contact by binding its ligands: iC3b, fibrinogen and CD54.

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