

Elab Fluor® 700 Anti-Mouse CD11c Antibody[N418]

Catalog Number: E-AB-F0991UM1

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

Description

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|--------------------------------|--|
| Reactivity | Mouse |
| Host | Armenian Hamster |
| Isotype | Armenian Hamster IgG |
| Clone No. | N418 |
| Isotype Control | Elab Fluor® 700 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853M1] |
| Conjugation | Elab Fluor® 700 |
| Conjugation Information | Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

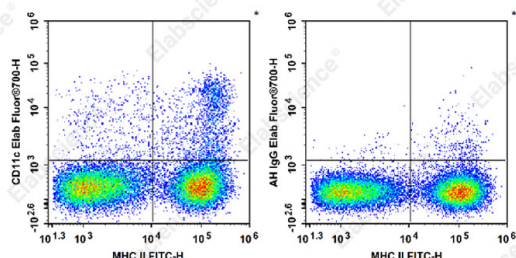
Applications

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



Staining of C57BL/6 murine splenocytes with FITC Anti-

Mouse MHC II (I-A/I-E) Antibody[M5/114] and Elab Fluor®

700 Anti-Mouse CD11c Antibody[N418] (left) or Elab Fluor®

700 Armenian Hamster IgG Isotype Control (right). Total

viable cells were used for analysis.

Preparation & Storage

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|-----------------|---|
| 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

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| Alternate Names | CD11 antigen-like family member C;CD11c;Integrin alpha-X;Itgax;Leukocyte adhesion receptor p150+95 |
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For Research Use Only

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Rev. V1.8

Uniprot ID

Q9QXH4

Gene ID

16411

Background

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.