

Elab Bright™ Violet 510 Anti-Mouse CD11c Antibody[N418]

Catalog Number: E-AB-F0991R1

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

Description

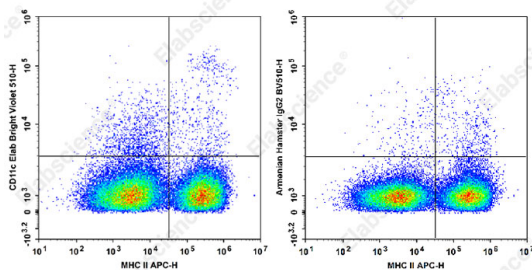
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| Reactivity | Mouse |
| Host | Armenian Hamster |
| Isotype | Armenian Hamster IgG2 |
| Clone No. | N418 |
| Isotype Control | Elab Bright™ Violet 510 Hamster IgG2, κ Isotype Control[B81-3] [Product AN00817R1] |
| Conjugation | Elab Bright™ Violet 510 |
| Conjugation Information | Elab Bright Violet 510 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 510 nm (e.g., a 525/50 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

Applications

Recommended usage

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| 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. |
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Data



Staining of C57BL/6 murine splenocytes cells with APC Anti-Mouse MHC II Antibody and Elab Bright Violet 510 Anti-Mouse CD11c Antibody[N418] (left) or Elab Bright Violet 510 Armenian Hamster IgG2 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. V1.3

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.