A Reliable Research Partner in Life Science and Medicine

## Elab Fluor® Red 780 Anti-Mouse CD11c Antibody[N418]

Catalog Number: E-AB-F0991US

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® Red 780 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-

F09853S1

Conjugation Elab Fluor® Red 780

**Conjugation Information** Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and

detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).

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

#### **Applications** Recommended usage

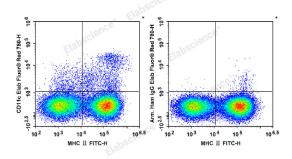
**FCM** Each lot of this antibody is quality control tested by flow cytometric analysis. Please

> 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<sup>6</sup> cells

in 100 µL volume].

#### Data



C57BL/6 murine splenocytes are stained with FITC Anti-

Mouse MHC II (I-A/I-E) Antibody and Elab Fluor® Red 780 Anti-Mouse CD11c Antibody (Left). Splenocytes are stained with FITC Anti-Mouse MHC II (I-A/I-E) Antibody and Elab

Fluor® Red 780 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 αX $\beta$ 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 αX $\beta$ 2 integrin plays an important role in cell-cell contact by binding its ligands: iC3b, fibrinogen and CD54.

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