

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® Violet 450 Anti-Human CD11b Antibody[HI11b]

Catalog Number: E-AB-F1317Q

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

#### **Description**

Reactivity Human Host Mouse

**Isotype** Mouse IgG2b, κ

Clone No. HI11b

Isotype Control Elab Fluor® Violet 450 Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-

F09812Q1

**Conjugation** Elab Fluor<sup>®</sup> Violet 450

**Conjugation Information** Elab Fluor<sup>®</sup> 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.

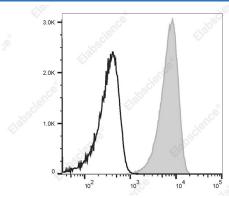
### Applications Recommended usage

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

of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

#### Data



Staining of normal human peripheral blood cells with Elab

Fluor<sup>®</sup> Violet 450 Anti-Human CD11b Antibody[HI11b] (filled gray histogram) or Elab Fluor<sup>®</sup> Violet 450 Mouse IgG2b, κ Isotype Control (empty black histogram). Cells in the granulocytes gate were used for analysis.

## **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**

 Uniprot ID
 P11215

 Gene ID
 3684

## For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

#### **Elabscience Bionovation Inc.**



A Reliable Research Partner in Life Science and Medicine

## **Background**

CD11b is a 165-170 kD type I transmembrane glycoprotein also known as  $\alpha$ Mintegrin, Mac-1, CR3, and C3biR. CD11b non-covalently associates with integrin  $\beta$ 2(CD18) and is expressed on granulocytes, monocytes/macrophages, dendritic cells, NK cells, and subsets of T and B cells. CD11b/CD18 is critical for the transendothelial migration of monocytes and neutrophils. It is also involved in granulocyte adhesion, phagocytosis, and neutrophil activation. CD11b/CD18 interacts with ICAM-1 (CD54), ICAM-2 (CD102), ICAM-4, CD14, CD23, heparin, iC3b, fibrinogen, and factor X.

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web:www.elabscience.com
 Email:techsupport@elabscience.com