# PE/Elab Fluor® 594 Anti-Human CD11b Antibody[HI11b]

**Catalog Number:** E-AB-F1317P

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

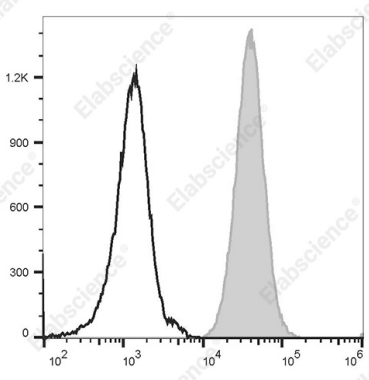
## Description

| | |
|---|---|
| **Reactivity** | Human |
| **Host** | Mouse |
| **Isotype** | Mouse IgG2b, κ |
| **Clone No.** | HI11b |
| **Isotype Control** | PE/Elab Fluor® 594 Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812P] |
| **Conjugation** | PE/Elab Fluor®594 |
| **Conjugation Information** | PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 620 nm (e.g., a 610/20 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 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. |

## Data




Staining of normal human peripheral blood cells with PE/Elab Fluor® 594 Anti-Human CD11b Antibody[HI11b] (filled gray histogram) or PE/Elab Fluor® 594 Mouse IgG2b, κ Isotype Control (empty black histogram). Cells in the granulocytes gate were used for analysis.

## Preparation & Storage

| | |
|---|---|
| **Storage** | Keep as concentrated solution.<br>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

| | |
|---|---|
| **Uniprot ID** | P11215 |
| **Gene ID** | 3684 |


Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web:www.elabscience.com
Email:techsupport@elabscience.com

**Background**

CD11b is a 165-170 kD type I transmembrane glycoprotein also known as αMintegrin, Mac-1, CR3, and C3biR. CD11b non-covalently associates with integrin β2(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