

PE/Elab Fluor® 594 Anti-Mouse/Human/Monkey CD11b Antibody[M1/70]

Catalog Number: E-AB-F1081P

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

Description

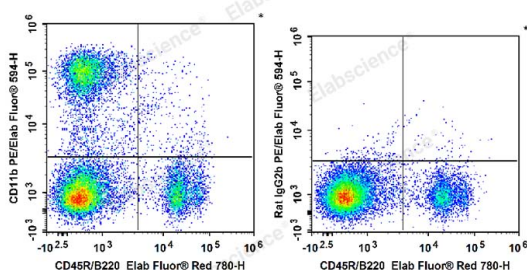
Reactivity	Human;Rhesus;Mouse
Host	Rat
Isotype	Rat IgG2b, κ
Clone No.	M1/70
Isotype Control	PE/Elab Fluor® 594 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842P]
Conjugation	PE/Elab Fluor® 594
Conjugation Information	PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 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.
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Data



C57BL/6 murine bone marrow cells are stained with Elab Fluor® Red 780 Anti-Mouse CD45R/B220 Antibody and PE/Elab Fluor® 594 Anti-Mouse/Human/Monkey CD11b Antibody (Left). Bone marrow cells are stained with Elab Fluor® Red 780 Anti-Mouse CD45R/B220 Antibody and PE/Elab Fluor® 594 Rat IgG2b, κ Isotype Control (Right).

Preparation & Storage

Storage	Keep as concentrated solution. 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

For Research Use Only

Alternate Names	CD11 antigen-like family member B;CD11b;CR-3 alpha chain;Integrin alpha-M;Itgam; Leukocyte adhesion receptor MO1
Uniprot ID	P05555;P11215
Gene ID	16409;3684
Background	CD11b is a 170 kD glycoprotein also known as α M integrin, Mac-1 α subunit, MoI, CR3, and Ly-40. CD11b is a member of the integrin family, primarily expressed on granulocytes, monocytes/macrophages, dendritic cells, NK cells, and subsets of T and B cells. CD11b non-covalently associates with CD18 (β 2 integrin) to form Mac-1. Mac-1 plays an important role in cell-cell interaction by binding its ligands ICAM-1 (CD54), ICAM-2 (CD102), ICAM-4 (CD242), iC3b, and fibrinogen.