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## Purified Anti-Human CD11b Antibody[ICRF44]

catalog number: E-AB-F11460P

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

#### **Description**

Reactivity Human

Immunogen Recombinant Human CD11b protein

**Host** Mouse

**Isotype** Mouse IgG1, κ

Clone ICRF44

**Purification** >98%, Protein A/G purified

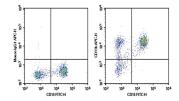
**Buffer** Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

# Applications Recommended Dilution

**FCM** 2  $\mu$ g/mL(0.5×10<sup>6</sup>-1×10<sup>6</sup> cells)

#### Data



Human peripheral blood monocytes were stained with 0.2 μg Purified Anti-Human CD11b Antibody[ICRF44] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD14 FITC-conjugated Monoclonal Antibody.

#### **Preparation & Storage**

Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles.

Shipping Ice bag

### **Background**

Human ITGAM (Integrin alpha M subunit) is a 127kDa (predicted) glycoprotein, a member of the Integrin family of proteins. The Integrin family proteins are heterodimeric transmembrane receptors composed of an alpha and a beta subunit. The Integrin alpha M subunit, also known as MAC-1 alpha subunit or CD11b, combines with the Integrin beta 2 subunit (CD18) to form the non-covalent heterodimer Integrin alpha W beta 2, also known as MAC-1 and complement receptor type 3 (CR3).

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