# PE Mouse anti-Human CD11b mAb

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**ABclonal** 

Catalog No.: A28070

#### **Basic Information**

#### **Observed MW**

**Calculated MW** 

127kDa

Category

Primary antibody

**Applications** 

FC

**Cross-Reactivity** 

Human

CloneNo number

AMC10008R

Conjugate

PE. Ex:565nm. Em:574nm.

# **Background**

This gene encodes the integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Multiple transcript variants encoding different isoforms have been found for this gene.

### **Recommended Dilutions**

FC

5  $\mu$ l per 10^6 cells in 100  $\mu$ l volume

# **Immunogen Information**

Gene ID 3684 Swiss Prot

P11215

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms** 

CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6

#### **Contact**

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#### **Product Information**

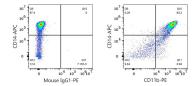
 $\begin{array}{ccc} \textbf{Source} & \textbf{Isotype} & \textbf{Purification} \\ \textbf{Mouse} & \textbf{IgG1, } \kappa & \textbf{Affinity purification} \end{array}$ 

**Storage** 

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

# **Validation Data**



Flow cytometry:1X10^6 Human PBMC were surface-stained with APC Rabbit anti-Human CD14 mAb (A25937,5  $\mu$ I/Test) and PE Mouse IgG1 isotype control (A22878,5  $\mu$ I/Test,left) or PE Mouse anti-Human CD11b mAb (A28070,5  $\mu$ I/Test,right). Cells in the monocyte gate were used for analysis.