PE Mouse anti-Human CD11b mAb

Catalog NO.: A26892 **1 Publications**

Basic Information

Observed MW

Calculated MW
127kDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Human

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

Clone number
AMC0709

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 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
3684

Swiss Prot
P11215

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

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

Contact

Product Information

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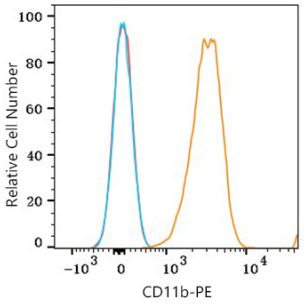
Source
Mouse

Isotype
IgG

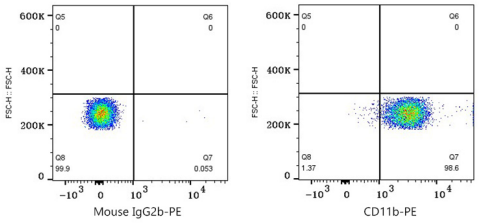
Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

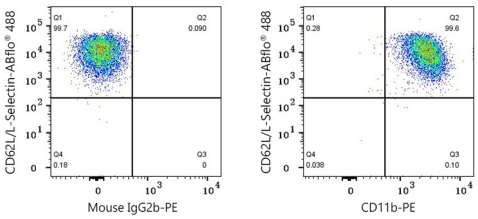
Validation Data



Flow cytometry: 1X10^6 Human peripheral blood granulocytes were surface-stained with PE Mouse anti-Human CD11b mAb (A26892,5 µl/Test,orange line) or PE Mouse IgG2b isotype control (5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 Human peripheral blood granulocytes were surface-stained with PE Mouse IgG2b isotype control (5 µl/Test,left) or PE Mouse anti-Human CD11b mAb (A26892,5 µl/Test,right).



Flow cytometry: 1X10^6 Human peripheral blood granulocytes were surface-stained with ABflo® 488 Rabbit anti-Human CD62L/L-Selectin mAb (A23020,5 µl/Test) and PE Mouse IgG2b isotype control (5 µl/Test,left) or PE Mouse anti-Human CD11b mAb (A26892,5 µl/Test,right).