

PerCP/Cyanine5.5 Mouse anti-Human CD11b mAb

Catalog No.: A28595

Basic Information

Observed MW

Calculated MW

127 kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

AMC10008R

Conjugate

PerCP-Cy5.5. Ex:482nm. Em:695nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

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.

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

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Product Information

Source

Mouse

Isotype

IgG

Purification

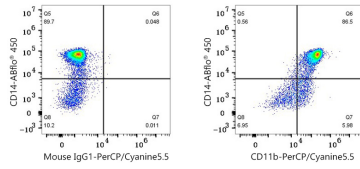
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human CD14 mAb (A25196, 5 μ l/Test) and PerCP/Cyanine5.5 Mouse IgG1 isotype control (5 μ l/Test, left) or PerCP/Cyanine5.5 Mouse anti-Human CD11b mAb (A28595, 5 μ l/Test, right). Cells in the monocyte gate were used for analysis.