

ABflo® 488 Mouse anti-Human/Monkey CD11b mAb

Catalog No.: A28074

Basic Information

Observed MW

Calculated MW
127kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human, Cynomolgus

CloneNo number
AMC10008R

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

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 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID Hu 3684 /Cyno 101866035	Swiss Prot P11215
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Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

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

Contact

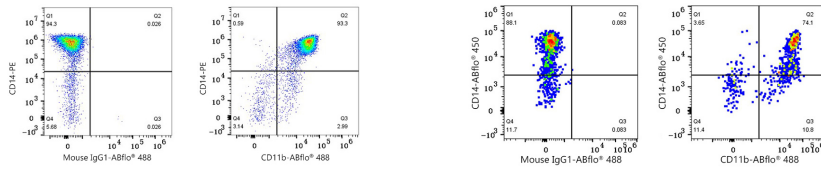
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Product Information

Source Mouse	Isotype IgG1, κ	Purification Affinity purification
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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 PE Rabbit anti-Human CD14 mAb (A25938, 5 μ l/Test) and ABflo® 488 Mouse IgG1 isotype control (A25487, 5 μ l/Test, left) or ABflo® 488 Mouse anti-Human CD11b mAb (A28074, 5 μ l/Test, right). Cells in the monocyte gate were used for analysis.

Flow cytometry: 1×10^6 Cynomolgus peripheral blood mononuclear cells were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD14 mAb (A25196, 5 μ l/Test) and ABflo® 488 Mouse IgG1 isotype control (A25487, 5 μ l/Test, left) or ABflo® 488 Mouse anti-Human/Monkey CD11b mAb (A28074, 5 μ l/Test, right). Cells in the monocyte gate were used for analysis.