

ABflo® 610 Rabbit anti-Human/Monkey CD11b mAb

Catalog No.: A29387

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

CloneNo number

ARC80870

Conjugate

ABflo® 610. Ex:421nm. Em:612nm.

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

Immunogen

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

Synonyms

CD11B; CR3A; HNA-4; MAC-1; MAC1A; MO1A; SLEB6

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

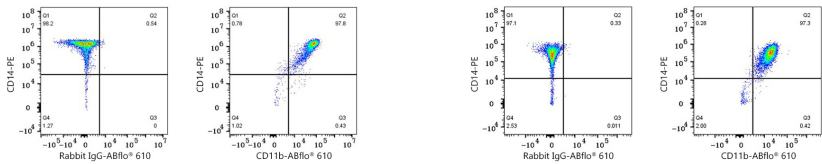
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ Human PBMC were surface-stained with PE Rabbit anti-Human/Monkey CD14 mAb (A25938,5 µl/Test) and ABflo® 610 Rabbit IgG isotype control (A25826,5 µl/Test,left) or ABflo® 610 Rabbit anti-Human/Monkey CD11b mAb (A29387,5 µl/Test,right). Cells in the monocyte gate were used for analysis.

Flow cytometry: 1X10⁶ Cynomolgus PBMC were surface-stained with PE Rabbit anti-Human/Monkey CD14 mAb (A25938,5 µl/Test) and ABflo® 610 Rabbit IgG isotype control (A25826,5 µl/Test,left) or ABflo® 610 Rabbit anti-Human/Monkey CD11b mAb (A29387,5 µl/Test,right). Cells in the monocyte gate were used for analysis.