

ABflo® 647 Rabbit anti-Human/Monkey CD18 mAb

Catalog No.: A27216

Basic Information

Observed MW

Calculated MW

85kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

CloneNo number

ARC72097

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

This gene encodes an integrin beta chain, which combines with multiple different alpha chains to form different integrin heterodimers. Integrins are integral cell-surface proteins that participate in cell adhesion as well as cell-surface mediated signalling. The encoded protein plays an important role in immune response and defects in this gene cause leukocyte adhesion deficiency. Alternative splicing results in multiple transcript variants.

Immunogen Information

Gene ID

Hu 3689 Cyon 101925124

Swiss Prot

P05107

Immunogen

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

Synonyms

LAD; CD18; MF17; MFI7; LCAMB; LFA-1; MAC-1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

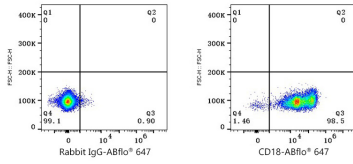
Affinity purification

Storage

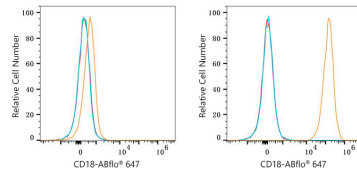
Store at 2-8°C. Avoid freeze.

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

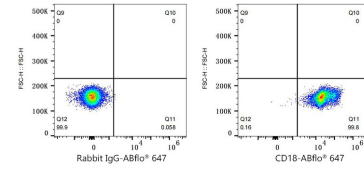
Validation Data



Flow cytometry: 1×10^6 Cynomolgus peripheral blood mononuclear cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 μ l/Test,left) or ABflo® 647 Rabbit anti-Human/Monkey CD18 mAb (A27216,5 μ l/Test,right). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1×10^6 HeLa cells (negative control,left) and THP-1 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD18 mAb (A27216,5 μ l/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 μ l/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 μ l/Test,left) or ABflo® 647 Rabbit anti-Human CD18 mAb (A27216,5 μ l/Test,right).