

ABflo® 647 Rabbit anti-Human CD35 mAb

Catalog No.: A24698

Basic Information

Observed MW

Calculated MW

223kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC63486-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Complement receptor type 1 (CR1/CD35) is a type I transmembrane glycoprotein that is expressed on the surface of B cells, neutrophils, monocytes, and renal podocytes. As a component of the host's innate immune system, CR1/CD35 expressed on neutrophils and monocytes binds to ligands coated with complement opsonins C3b and C4b, thereby promoting phagocytosis and pro-inflammatory cytokine production. CR1/CD35 also participates in negative regulation of the complement cascade through its ability to promote dissociation of C3 and C5 convertases and by serving as one of multiple cofactors for factor-I-mediated cleavage and inactivation of C3b and C4b.

Immunogen Information

Gene ID

1378

Swiss Prot

P17927

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 901-1095 of human CD35 (NP_000564.2).

Synonyms

CR1; C3BR; C4BR; CD35; KN; complement receptor type 1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

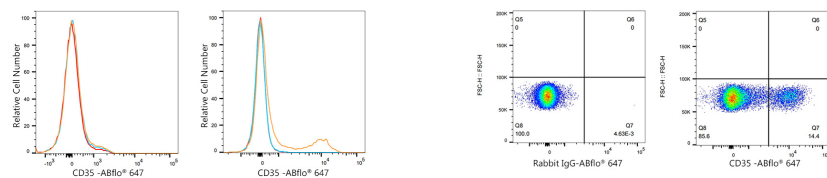
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 REH cells (negative control, left) and Human PBMC (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD35 mAb (A24698, 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 CD35 mAb (A24698, 5 μ l/Test, right).