

ABflo® 700 Rabbit anti-Human/Monkey CD14 mAb

Catalog No.: A25948

Basic Information

Observed MW

Calculated MW

40kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

CloneNo number

ARC65657

Conjugate

ABflo® 700. Ex:690nm. Em:713nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide, and to viruses. This gene has been identified as a target candidate in the treatment of SARS-CoV-2-infected patients to potentially lessen or inhibit a severe inflammatory response. Alternative splicing results in multiple transcript variants encoding the same protein.

Immunogen Information

Gene ID

Hu 929 Cyon 102129342

Swiss Prot

P08571

Immunogen

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

Synonyms

CD14

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

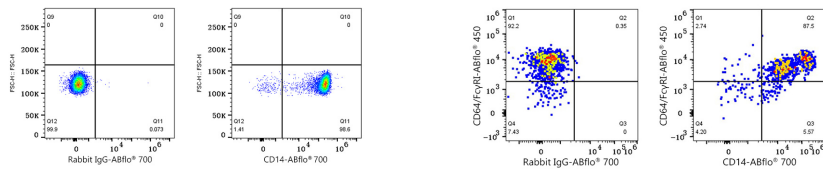
Affinity purification

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 Human PBMC were surface-stained with ABflo® 700 Rabbit IgG isotype control (5 μ l/Test,left) or ABflo® 700 Rabbit anti-Human CD14 mAb (A25948,5 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 CD64/Fc γ RI mAb (A27886,5 μ l/Test) and ABflo® 700 Rabbit IgG isotype control (A25976,5 μ l/Test,left) or ABflo® 700 Rabbit anti-Human/Monkey CD14 mAb (A25948,5 μ l/Test,right). Cells in the monocyte gate were used for analysis.