

CD14 Rabbit mAb

Catalog No.: A25089 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

40kDa

Category

Primary antibody

Applications

ELISA,FC

Cross-Reactivity

Human

CloneNo number

ARC65657

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.

Recommended Dilutions

FC 1:500 - 1:1000

Immunogen Information

Gene ID

929

Swiss Prot

P08571

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-352 of human CD14 (NP_000582.1).

Synonyms

CD14

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

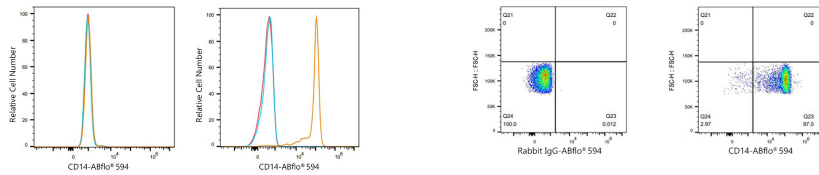
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Flow cytometry: 1×10^6 HUVEC cells (negative control, left) and Human PBMC (right) were surface-stained with CD14 Rabbit mAb (A25089, 2 $\mu\text{g}/\text{mL}$, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 $\mu\text{l}/\text{Test}$, blue line), followed by ABflo® 594-conjugated Goat Anti-Rabbit IgG (H+L) staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 Human PBMC cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 $\mu\text{l}/\text{Test}$, left) or CD14 Rabbit mAb (A25089, 2 $\mu\text{g}/\text{mL}$, right).