A25089

Leader in Biomolecular Solutions for Life Science

CD14 Rabbit mAb

Catalog No.: A25089 Recombinant



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.

Applications FC,ELISA

Observed MW

Calculated MW

Refer to figures

40kDa

Category

Cross-Reactivity Human

Basic Information

CloneNo number ARC65657

Recommended Dilutions

SMab Recombinant Monoclonal Antibody

Immunogen Information

FC

1:500 - 1:1000

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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www.abclonal.com

Product Information

Source Rabbit **lsotype** 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: 1X10^6 HUVEC cells (negative control,left) and Human PBMC (right) were surface-stained with CD14 Rabbit mAb (A25089,2 µg/mL,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/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: 1X10^6 Human PBMC cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or CD14 Rabbit mAb (A25089,2 µg/mL,right).