Leader in Biomolecular Solutions for Life Science

www.abclonal.com

CD14 Rabbit mAb

Catalog No.: A25089 Recombinant

Basic Information

Observed MW
Refer to figures

Calculated MW
40kDa

Category
Primary antibody

Applications
FC,(ELISA)

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
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

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

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

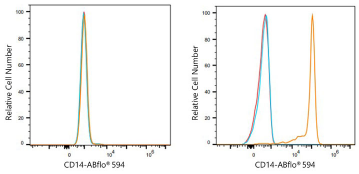
Source
Rabbit

Isotype
IgG

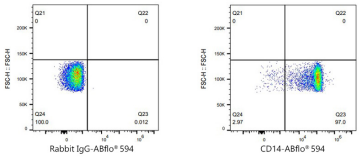
Purification
Affinity purification

Storage
Store at -20℃. 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).