

# ABflo® 500 Rabbit anti-Human CD14 mAb

Catalog No.: A26871

## Basic Information

### Observed MW

### Calculated MW

40kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC65657-ABf500

### Conjugate

ABflo® 500. Ex:410nm. Em:501nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> 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

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

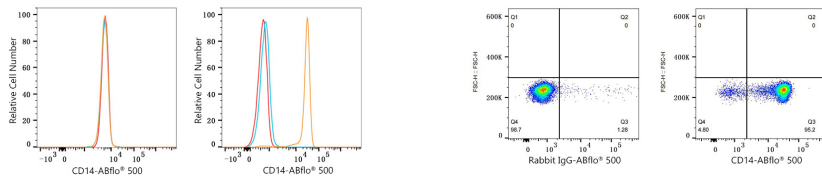
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  HUVEC cells (negative control, left) and Human PBMC (right) were surface-stained with ABflo® 500 Rabbit anti-Human CD14 mAb (A26871, 5  $\mu$ l/Test, orange line) or ABflo® 500 Rabbit IgG isotype control (A25972, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 500 Rabbit IgG isotype control (A25972, 5  $\mu$ l/Test, left) or ABflo® 500 Rabbit anti-Human CD14 mAb (A26871, 5  $\mu$ l/Test, right).