

# ABflo® 488 Rabbit anti-Human/Monkey CD14 mAb

Catalog No.: A25071

## Basic Information

### Observed MW

### Calculated MW

40kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Cynomolgus

### CloneNo number

ARC65657

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## 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

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

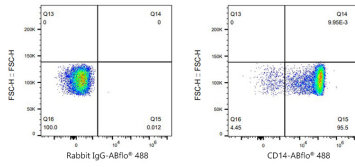
Affinity purification

### Storage

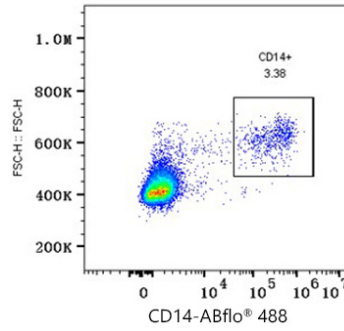
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

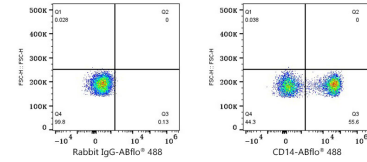
## Validation Data



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu\text{l}/\text{Test}$ ,left) or ABflo® 488 Rabbit anti-Human/Monkey CD14 mAb (A25071,5  $\mu\text{l}/\text{Test}$ ,right). Cells in the monocyte gate were used for analysis.



Flow cytometry:  $1 \times 10^6$  Cynomolgus PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD14 mAb (A25071,5  $\mu\text{l}/\text{Test}$ ). Cells in the lymphocyte and monocyte gate were used for analysis.



Flow cytometry:  $1 \times 10^6$  Cynomolgus peripheral blood mononuclear cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu\text{l}/\text{Test}$ ,left) or ABflo® 488 Rabbit anti-Human/Monkey CD14 mAb (A25071,5  $\mu\text{l}/\text{Test}$ ,right). Cells in the monocyte gate were used for analysis.