

A25072

Leader in Biomolecular Solutions for Life Science



## ABflo® 647 Rabbit anti-Human CD14 mAb

Catalog No.: A25072

### Basic Information

#### Observed MW

**Calculated MW**  
40kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

FC

#### Cross-Reactivity

Human

#### CloneNo number

ARC65657-ABflo647

#### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

### 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** 5 µl per 10<sup>6</sup> cells in  
100 µl volume

### 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



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**  
Rabbit

**Isotype**  
IgG

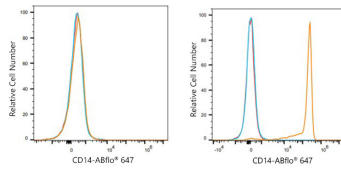
**Purification**  
Affinity purification

#### Storage

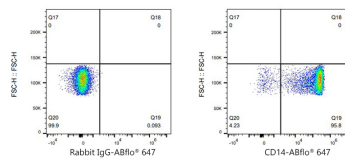
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% 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® 647 Rabbit anti-Human CD14 mAb (A25072, 5  $\mu$ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 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® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, left) or ABflo® 647 Rabbit anti-Human CD14 mAb (A25072, 5  $\mu$ l/Test, right).