

# ABflo® 647 Rabbit anti-Mouse CD14 mAb

Catalog No.: A25191

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

39kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC66543-ABflo647

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

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

## Background

This gene encodes a protein that plays an important role in the innate immune response and is expressed in monocyte/macrophage cells. This gene product acts as a co-receptor that binds several microbial and fungal molecules, including lipopolysaccharides (LPS). This protein's LPS-binding activity is enhanced by the LPS binding protein (LBP) to allow binding to the TLR4-MD-2 co-receptor complex. The product of this gene is found in two forms, either as a soluble protein or attached to the cell surface by a glycosylphosphatidylinositol anchor.

## Immunogen Information

### Gene ID

12475

### Swiss Prot

P10810

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 18-345 of mouse CD14 (NP\_033971.1).

### Synonyms

CD14

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

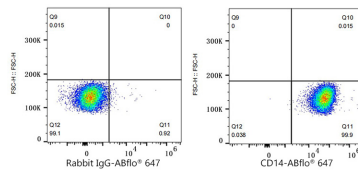
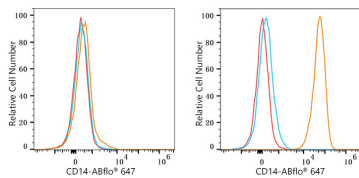
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300, 0.2% BSA, pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  Neuro-2a cells (negative control, left) and RAW 264.7 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD14 mAb (A25191, 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:  $1 \times 10^6$  RAW 264.7 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5  $\mu$ l/Test, left) or ABflo® 647 Rabbit anti-Mouse CD14 mAb (A25191, 5  $\mu$ l/Test, right).