

# ABflo® 488 Rabbit anti-Human/Monkey CD64 mAb

Catalog No.: A21939

## Basic Information

### Observed MW

### Calculated MW

43kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Cynomolgus

### CloneNo number

ARC53680

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Background

This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

2209

### Swiss Prot

P12314

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

CD64; FCG1; FCRI; CD64A; FCGR1; IGFR1; FcgammaRI

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

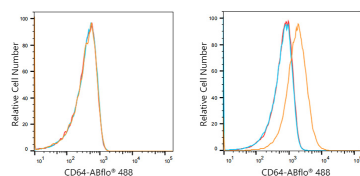
Affinity purification

### Storage

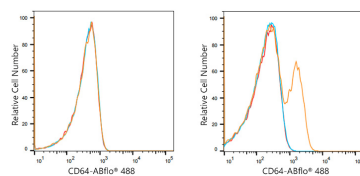
Store at 2-8°C. Avoid freeze.

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

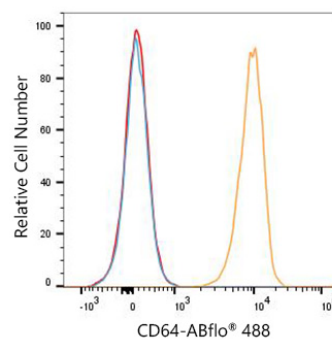
## Validation Data



Flow cytometry:  $1 \times 10^6$  K-562 cells (negative control, left) and THP-1 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD64 mAb (A21939, 5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  K-562 cells (negative control, left) and Human PBMC (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD64 mAb (A21939, 5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  Cynomolgus PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD64 mAb (A21939, 5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the Monocyte gate were used for analysis.