

# ABflo® 450 Rabbit anti-Mouse CD64/FcγRI mAb

Catalog NO.: A26525 **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

44kDa

### Category

Monoclonal Antibodies

### Applications

FC

### Cross-Reactivity

Mouse

### Conjugation

ABflo® 450. Ex:406nm. Em:445nm.

### Clone number

ARC61141

## Background

Enables IgG binding activity and IgG receptor activity. Acts upstream of or within several processes, including antibody-dependent cellular cytotoxicity; endocytosis; and positive regulation of hypersensitivity. Located in external side of plasma membrane. Is expressed in liver. Orthologous to several human genes including FCGR1A (Fc gamma receptor 1a).

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

14129

### Swiss Prot

P26151

### Immunogen

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

### Synonyms

CD64; IGGHAFC; FcγgammaRI

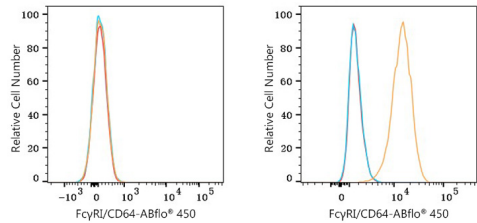
## Contact

## Product Information

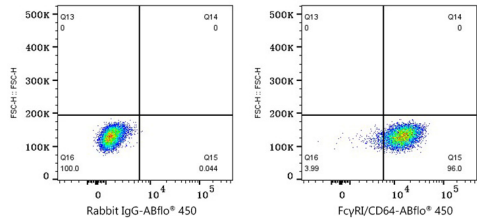
|   |  |                      |
|---|--|----------------------|
| ☒ |  | order@abclonal.com   |
| ☒ |  | service@abclonal.com |
| ☒ |  | www.abclonal.com     |

|                                                     |                |                       |
|-----------------------------------------------------|----------------|-----------------------|
| <b>Source</b>                                       | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit                                              | IgG            | Affinity purification |
| <b>Storage</b>                                      |                |                       |
| Store at 2-8°C. Avoid freeze.                       |                |                       |
| Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3. |                |                       |

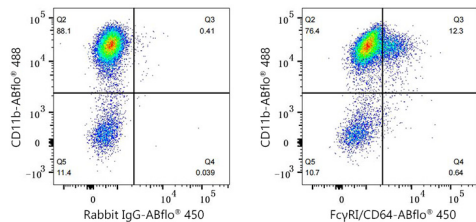
## Validation Data



Flow cytometry: 1X10^6 BALB/C mouse splenocytes (negative control,left) and RAW 264.7 cells (right) were surface-stained with ABflo® 450 Rabbit anti-Mouse FcγRI/CD64 mAb (A26525,5 μl/Test,orange line) or ABflo® 450 Rabbit IgG isotype control (5 μl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 RAW 264.7 cells were surface-stained with ABflo® 450 Rabbit IgG isotype control (5 μl/Test,left) or ABflo® 450 Rabbit anti-Mouse FcγRI/CD64 mAb (A26525,5 μl/Test,right).



Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse bone marrow cells were surface-stained with ABflo® 488 Rabbit anti-Mouse CD11b mAb (A24094, 5  $\mu$ l/Test) and ABflo® 450 Rabbit IgG isotype control (A27451, 5  $\mu$ l/Test, left) or ABflo® 450 Rabbit anti-Mouse FcγRI/CD64 mAb (A26525, 5  $\mu$ l/Test, right). Cells in the monocyte gate were used for analysis.