

# ABflo® 450 Rabbit anti-Mouse CD68 mAb

Catalog No.: A26451

## Basic Information

### Observed MW

### Calculated MW

35kDa

### Category

Primary antibody

### Applications

FC (intra)

### Cross-Reactivity

Mouse

### CloneNo number

ARC60987-ABflo450

### Conjugate

ABflo® 450. Ex:406nm. Em:445nm.

## Recommended Dilutions

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

## Background

Involved in several processes, including cellular response to lipopolysaccharide; cellular response to oxidised low-density lipoprotein particle stimulus; and negative regulation of dendritic cell antigen processing and presentation. Acts upstream of or within aging and cellular response to organic substance. Located in lysosome and plasma membrane. Is expressed in several structures, including central nervous system; embryo mesenchyme; heart blood vessel; liver; and spleen. Orthologous to human CD68 (CD68 molecule).

## Immunogen Information

### Gene ID

12514

### Swiss Prot

P31996

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-291 of mouse CD68 (NP\_001277987.1).

### Synonyms

Lamp4; gp110; Scard1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

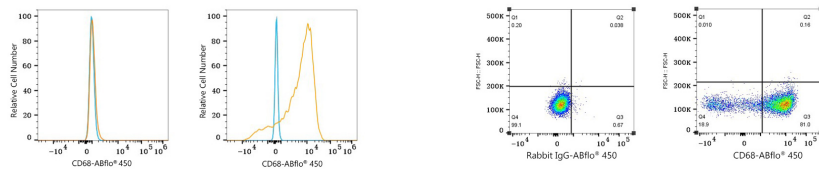
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  NIH/3T3 cells (Low Expression, left) and RAW 264.7 cells (right) were intracellularly-stained with ABflo® 450 Rabbit anti-Mouse CD68 mAb (A26451, 5  $\mu$ l/Test, orange line) or ABflo® 450 Rabbit IgG isotype control (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 intracellularly-stained with ABflo® 450 Rabbit IgG isotype control (5  $\mu$ l/Test, left) or ABflo® 450 Rabbit anti-Mouse CD68 mAb (A26451, 5  $\mu$ l/Test, right).