

# 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

### Conjugate

ABflo® 450. Ex:406nm. Em:445nm.

## 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).

## Recommended Dilutions

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

## Immunogen Information

### Gene ID

12514

### Swiss Prot

P31996

### Immunogen

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

### Synonyms

Lamp4; gp110; Scard1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

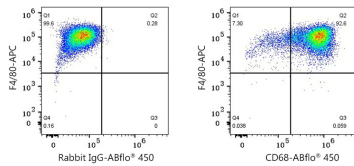
### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry 1X10<sup>6</sup> C57BL/6 Mouse Bone Marrow-Derived M0 Macrophages were surface-stained with APC Rat anti-Mouse F4/80 mAb (A27478, 5 µl/Test), and then intracellularly-stained with ABflo® 450 Rabbit IgG isotype control (A27451, 5 µl/Test, left) or ABflo® 450 Rabbit anti-Mouse CD68 mAb (A26451, 5 µl/Test, right).