Leader in Biomolecular Solutions for Life Science

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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 10^6 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

400-999-6126

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Product Information

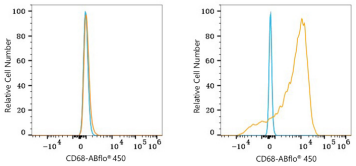
Source
Rabbit

Isotype
IgG

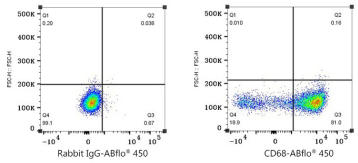
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 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 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 intracellularly-stained with ABflo® 450 Rabbit IgG isotype control (5 µl/Test,left) or ABflo® 450 Rabbit anti-Mouse CD68 mAb (A26451,5 µl/Test,right).