ABflo® 450 Rabbit anti-Mouse CD68 mAb

www.abclonal.com

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.

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 μ l per 10^6 cells in 100 μ l volume

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

SourceIsotypePurificationRabbitIgGAffinity 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: 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 μ I/Test,orange line) or ABflo® 450 Rabbit IgG isotype control (5 μ I/Test,blue line). Nonfluorescently 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 μ I/Test,left) or ABflo® 450 Rabbit anti-Mouse CD68 mAb (A26451,5 μ I/Test,right).