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ABflo® 647 Rabbit anti-Mouse CD68 mAb

Catalog No.: A23739

Basic Information

Observed MW

Calculated MW 33KDa/34KDa

Category

Primary antibody

Applications

IF/ICC,FC

Cross-Reactivity

Mouse

CloneNo number

ARC60987

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

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

IF/ICC 1:25 - 1:200

FC (intra)5 μl per 10^6 cells in 100 μl volume

Immunogen Information

Gene IDSwiss Prot
12514
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

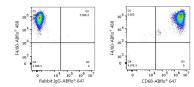
SourceIsotypePurificationRabbitIgGAffinity purification

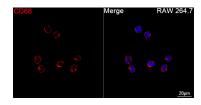
Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data





Flow cytometry: 1X10^6 C57BL/6 Mouse Bone Marrow-Derived M0 Macrophages were surface-stained with ABflo® 488 Rat anti-Mouse F4/80 mAb (A27479,5 μ]/Test), and then intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 μ]/Test,left) or ABflo® 647 Rabbit anti-Mouse CD68 mAb (A23739,5 μ]/Test,right).

Confocal imaging of RAW 264.7 cells using ABflo® 647 Rabbit anti-Mouse CD68 mAb (A23739, dilution 1:25). DAPI was used for nuclear staining (Blue). Objective: 100x.