

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-ABf647

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

IF/ICC	1:50 - 1:200
FC	5 µl per 10 ⁶ 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	Swiss Prot
12514	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

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

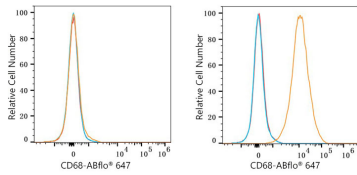
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

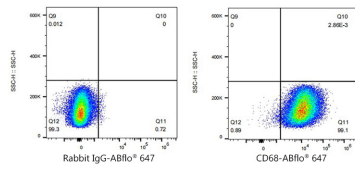
Storage

Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

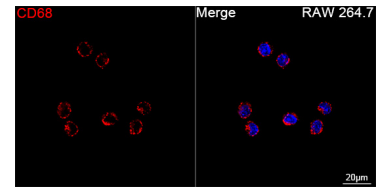
Validation Data



Flow cytometry: 1×10^6 NIH/3T3 cells (negative control, left) and Raw264.7 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD68 mAb (A23739, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 Raw264.7 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Mouse CD68 mAb (A23739, 5 μ l/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.