

For Research Use Only

FcZero-rAb™ APC Anti-Mouse CD68 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98029



Basic Information

Catalog Number:

APC-FcA98029

Size:

100ug , 200 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001291058.1

GeneID (NCBI):

12514

Full Name:

CD68 antigen

Calculated MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

230504G5

Recommended Dilutions:

FC (Intra): 0.1 ug per 10⁶ cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

mouse

Positive Controls:

FC (Intra) : Balb/c mouse peritoneal macrophages,

Background Information

Mouse CD68 (also known as macrosialin) is a type I transmembrane glycoprotein that is highly and specifically expressed by mouse tissue macrophages, and to a lesser extent by dendritic cells. It belongs to the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family and primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. CD68 is also a member of the scavenger receptor family. It may play a role in phagocytic activities of tissue macrophages.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

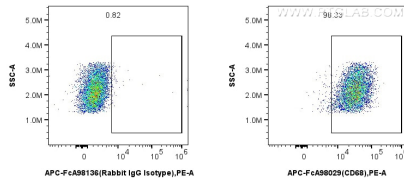
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

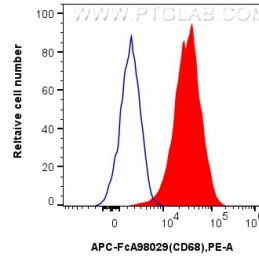
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ Balb/c mouse peritoneal macrophages were intracellularly stained with 0.25 ug APC Anti-Mouse CD68 Rabbit Recombinant Antibody (APC-FcA98029, Clone:230504G5), or 0.25 ug APC Rabbit IgG Isotype Control Recombinant Antibody (APC-FcA98136, Clone: 240953C9). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10⁶ Balb/c mouse peritoneal macrophages were intracellularly stained with 0.25 ug APC Anti-Mouse CD68 Rabbit Recombinant Antibody (APC-FcA98029, Clone: 230504G5) (red) or 0.25 ug APC Rabbit IgG Isotype Control Recombinant Antibody (APC-FcA98136, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).