

For Research Use Only

PE Anti-Mouse CD68 Rabbit Recombinant Antibody

Catalog Number: PE-98029



Basic Information

Catalog Number: PE-98029	GenBank Accession Number: NM_001291058.1	Purification Method: Protein A purification
Concentration: 100ug, 200 ug/ml	GeneID (NCBI): 12514	CloneNo.: 230504G5
Source: Rabbit	UNIPROT ID: P31996-1	Recommended Dilutions: FC (Intra): 0.1 ug per 10 ⁶ cells in 100 μL suspension
Isotype: IgG	Full Name: CD68 antigen	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Immunogen Catalog Number: EG0787	Calculated MW: 35 kDa	

Applications

Tested Applications: FC (Intra)	Positive Controls: FC (Intra) : mouse peritoneal macrophages,
Species Specificity: mouse	

Background Information

Mouse CD68 (also known as macrophage marker) 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:

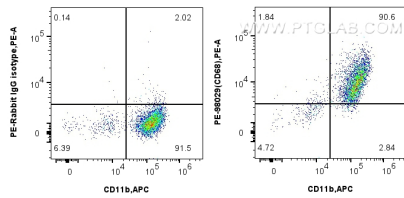
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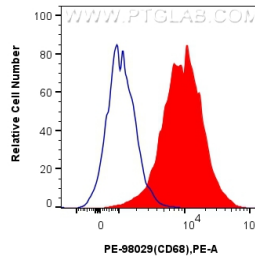
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Selected Validation Data



1x10⁶ mouse peritoneal macrophages were intracellularly stained with 0.1 ug PE Anti-Mouse CD68 Rabbit Recombinant Antibody (PE-98029, Clone: 230504G5) or Isotype Control. Cells were co-stained with APC Anti-Mouse CD11b. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.



1x10⁶ mouse peritoneal macrophages were intracellularly stained with 0.1 ug PE Anti-Mouse CD68 Rabbit Recombinant Antibody (PE-98029, Clone: 230504G5) (red) or Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.