

For Research Use Only

Anti-Human CD68 (KP1)

Catalog Number: 65202-1-Ig



Basic Information

Catalog Number:

65202-1-Ig

Size:

100ug, 0.5 mg/ml

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC015557

GeneID (NCBI):

968

UNIPROT ID:

P34810

Full Name:

CD68 molecule

Calculated MW:

37 kDa

Purification Method:

Protein G purification

CloneNo.:

KP1

Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human

Background Information

CD68 is a type I transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. 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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide, pH 7.3.

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

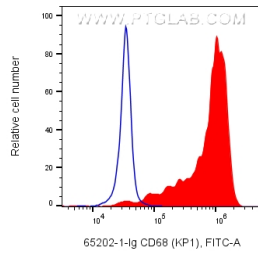
T: 4006900926

E: Proteintech-CN@ptglab.com

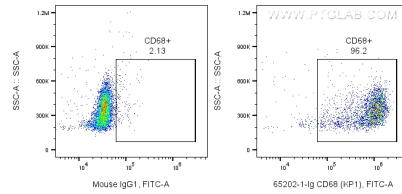
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ human PBMCs were intracellularly stained with 0.2 ug Anti-Human CD68 (65202-1-Ig, Clone:KP1) and FITC-Donkey anti-Mouse IgG at dilution 1:1000 (red), or Mouse IgG1 Isotype Control and FITC-Donkey anti-Mouse IgG at dilution 1:1000. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Monocytes were gated.



1X10⁶ human PBMCs were intracellularly stained with 0.2 ug Anti-Human CD68 (65202-1-Ig, Clone:KP1) and FITC-Donkey anti-Mouse IgG at dilution 1:1000, or Mouse IgG1 Isotype Control and FITC-Donkey anti-Mouse IgG at dilution 1:1000. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Monocytes were gated.