

For Research Use Only

# Anti-Human CD68 (KP1)

Catalog Number: 65202-1-Ig



## Basic Information

<b>Catalog Number:</b> 65202-1-Ig	<b>GenBank Accession Number:</b> BC015557	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 968	<b>CloneNo.:</b> KP1
<b>Source:</b> Mouse	<b>Full Name:</b> CD68 molecule	
<b>Isotype:</b> IgG1, kappa	<b>Calculated MW:</b> 37 kDa	

## Applications

**Tested Applications:**  
FC

**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

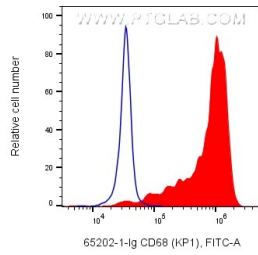
**Storage:**  
Store at 2-8°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.1% sodium azide, pH 7.3.

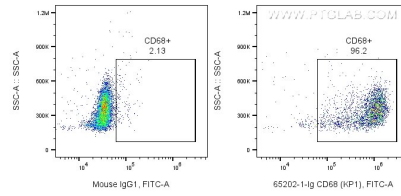
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



1X10<sup>6</sup> 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.



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