

For Research Use Only

# Anti-Human CD68 (KP1) Rabbit IgG Recombinant Antibody, PBS Only



Catalog Number: 65515-1-PBS

## Basic Information

Catalog Number:	65515-1-PBS	GenBank Accession Number:	BC015557	Purification Method:	Affinity purification
Size:	1mg, 1 mg/ml	GeneID (NCBI):	968	CloneNo.:	KP1
Source:	Rabbit	UNIPROT ID:	P34810		
Isotype:	IgG	Full Name:	CD68 molecule		
		Calculated MW:	37 kDa		

## 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 -80°C. Stable for one year after shipment.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS only

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

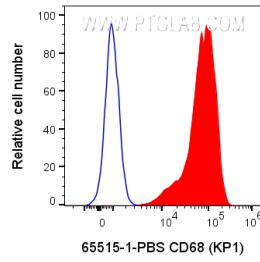
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

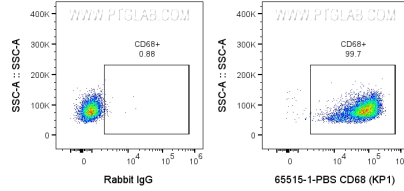
W: [ptgcn.com](http://ptgcn.com)

**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 0.1 ug Anti-Human CD68 Rabbit Recombinant Antibody (65515-1-PBS, Clone:KP1) or Rabbit IgG control Rabbit PolyAb and CoraLite®647-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011) and treated with FC Receptor Block prior to staining. Monocytes were gated.



1x10<sup>6</sup> human PBMCs were intracellularly stained with 0.1 ug Anti-Human CD68 Rabbit Recombinant Antibody (65515-1-PBS, Clone:KP1) or Rabbit IgG control Rabbit PolyAb and CoraLite®647-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011) and treated with FC Receptor Block prior to staining. Monocytes were gated.