

For Research Use Only

# CoraLite® Plus 555 Anti-Human CD68 (KP1)



Catalog Number:CL555-65202

## Basic Information

<b>Catalog Number:</b> CL555-65202	<b>GenBank Accession Number:</b> BC015557	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 968	<b>CloneNo.:</b> KP1
<b>Source:</b> Mouse	<b>Full Name:</b> CD68 molecule	<b>Excitation/Emission maxima wavelengths:</b> 554 nm / 570 nm
<b>Isotype:</b> IgG1, kappa	<b>Calculated MW:</b> 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.

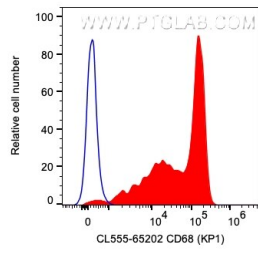
## Storage

**Storage:**  
Store at 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.

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 surface stained with 5 ul CoraLite® Plus 555 Anti-Human CD68 (CL555-65202, Clone: KP1) (red) or unstained (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Monocytes were gated.