

For Research Use Only



CoraLite® Plus 647 Anti-Human CD68 (KP1) Rabbit Recombinant Antibody

Catalog Number: **CL647-65515**

Basic Information

Catalog Number: CL647-65515	GenBank Accession Number: BC015557	Purification Method: Affinity purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 968	CloneNo.: KP1
Source: Rabbit	UNIPROT ID: P34810	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
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 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:

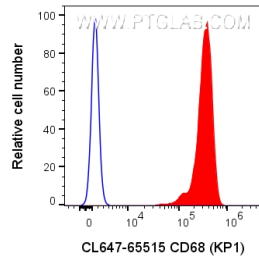
T: 4006900926

E: Proteintech-CN@ptglab.com

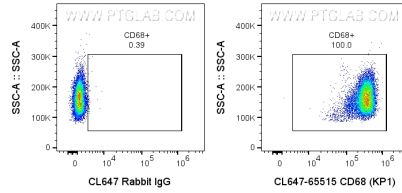
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were intracellularly stained with 5 ul CoraLite® Plus 647 Anti-Human CD68 Rabbit Recombinant Antibody (CL647-65515, Clone:KP1) or CoraLite® Plus 647-conjugated Rabbit IgG control PolyAb (CL647-30000). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Cells were treated with FC Receptor Block prior to staining.



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