

For Research Use Only

CoraLite® Plus 555 Anti-Human CD68 (Y1/82A)



Catalog Number: **CL555-65187**

Basic Information

Catalog Number: CL555-65187	GenBank Accession Number: BC015557	Purification Method: Affinity purification
Size: 100tests, 5 ul/test	GeneID (NCBI): 968	CloneNo.: Y1/82A
Source: Mouse	UNIPROT ID: P34810	Excitation/Emission maxima wavelengths: 554 nm / 570 nm
Isotype: IgG2b, kappa	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:

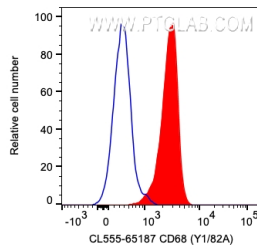
T: 4006900926

E: Proteintech-CN@ptglab.com

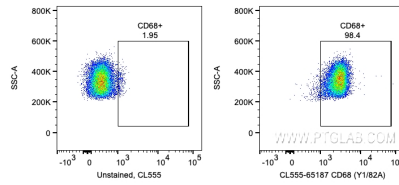
W: ptgcn.com

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 5 ul CoraLite® Plus 555 Anti-Human CD68 (CL555-65187, Clone: Y1/82A) (red) or unstained. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Monocytes were gated.



1X10⁶ human PBMCs were intracellularly stained with 5 ul CoraLite® Plus 555 Anti-Human CD68 (CL555-65187, Clone: Y1/82A) or unstained. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Monocytes were gated.