

For Research Use Only

CoraLite® Plus 488 Anti-Human CD68 (Y1/82A)



Catalog Number: **CL488-65187**

Basic Information

Catalog Number:

CL488-65187

Size:

100tests, 5 µl/test

Source:

Mouse

Isotype:

IgG2b, kappa

GenBank Accession Number:

BC015557

GeneID (NCBI):

968

UNIPROT ID:

P34810

Full Name:

CD68 molecule

Calculated MW:

37 kDa

Purification Method:

Protein A purification

CloneNo.:

Y1/82A

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

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:

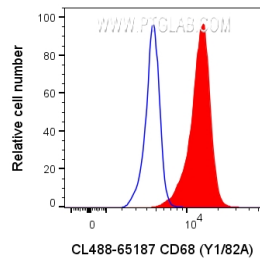
T: 4006900926

E: Proteintech-CN@ptglab.com

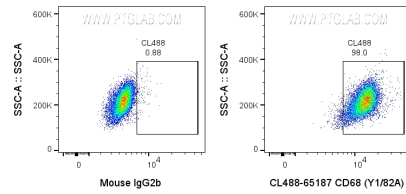
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were intracellularly stained with 5 ul CoraLite® Plus 488 Anti-Human CD68 (CL488-65187, Clone:Y1/82A), or CoraLite® Plus 488 Mouse IgG2b Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Cells were incubated with FC Receptor Block prior to staining.



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