

For Research Use Only

# FITC Plus Anti-Human CD68 (Y1/82A)



Catalog Number: FITC-65187

1 Publications

## Basic Information

Catalog Number:

FITC-65187

Size:

100 tests, 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:

Purified by protein-A affinity chromatography

CloneNo.:

Y1/82A

Excitation/Emission maximum wavelengths:

495 nm / 524 nm

## Applications

Tested Applications:

FC (Intra)

Cited Applications:

IF

Species Specificity:

Human

Cited Species:

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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Guoyun Bi	38749443	Cell Rep Methods	IF

## 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:

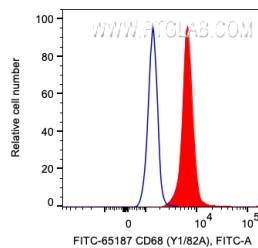
T: 4006900926

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

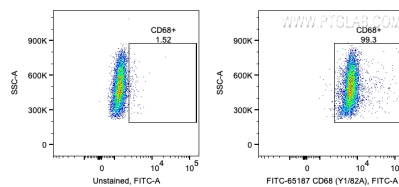
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1X10<sup>6</sup> human PBMCs were intracellularly stained with 5  $\mu$ l FITC Plus Anti-Human CD68 (FITC-65187, Clone:Y1/82A). Cells were fixed with 4% PFA and permeabilized with Intracellular Staining Permeabilization Wash Buffer. Monocytes were gated.



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