

For Research Use Only

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



Catalog Number: FITC-65187

Basic Information

Catalog Number:
FITC-65187

Size:
100tests , 5 µl/test

Source:
Mouse

Isotype:
IgG2b, kappa

GenBank Accession Number:
BC015557

GeneID (NCBI):
968

Full Name:
CD68 molecule

Calculated MW:
37 kDa

Purification Method:
Purified by protein-A affinity chromatography

CloneNo.:
Y1/82A

Excitation/Emission maxima wavelengths:
494 nm / 520 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

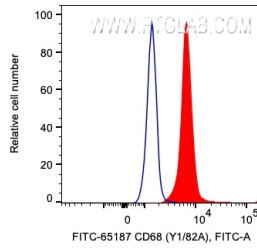
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

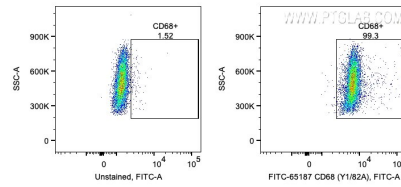
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ human PBMCs were intracellularly stained with 5 ul 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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