

For Research Use Only

CoraLite® Plus 488 Anti-Human CD68 Rabbit scFv Antibody

Catalog Number: CL488-SF98242



Basic Information

Catalog Number:

CL488-SF98242

Source:

Rabbit

Type:

scFv

Immunogen Catalog Number:

EG2061

GenBank Accession Number:

BC015557

GeneID (NCBI):

968

Full Name:

CD68 molecule

Calculated MW:

37 kDa

Purification Method:

Affinity purification

CloneNo.:

241810G1

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

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:

50mM HEPES, 150mM NaCl, 5mM EDTA, 0.1% CHAPS, 10% Sucrose and 0.1% Proclin300, pH7.3

For technical support and original validation data for this product please contact:

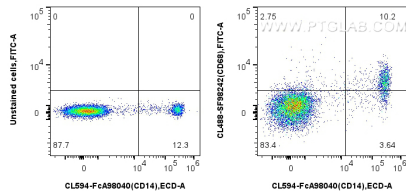
T: 4006900926

E: Proteintech-CN@ptglab.com

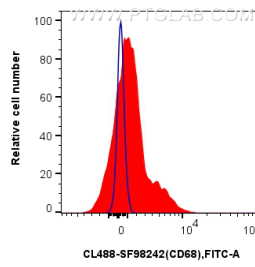
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with CoraLite® Plus 594 Anti-Human CD14, and 0.25 ug CoraLite® Plus 488 Anti-Human CD68 Rabbit scFv Antibody (CL488-SF98242, Clone: 241810G1) or unstained. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Human CD68 Rabbit scFv Antibody (CL488-SF98242, Clone: 241810G1) (red), or unstained (blue). Cells were not fixed.