

For Research Use Only

FITC Plus Anti-Human CD68 (KP1)

Catalog Number: FITC-65202

2 Publications



Basic Information

Catalog Number:

FITC-65202

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC015557

GeneID (NCBI):

968

UNIPROT ID:

P34810

Full Name:

CD68 molecule

Calculated MW:

37 kDa

Purification Method:

Protein G purification

CloneNo.:

KP1

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC (Intra)

Cited Applications:

FC, FC (Intra)

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
Tianci Han	39447407	Int Immunopharmacol	FC
Zuorun Xie	38562665	Front Bioeng Biotechnol	FC (Intra)

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.

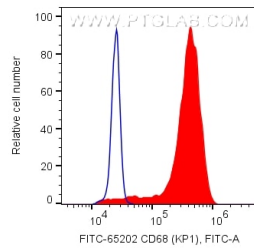
For technical support and original validation data for this product please contact:

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Selected Validation Data



1X10⁶ human PBMCs were intracellularly stained with 5 ul FITC Plus Anti-Human CD68 (FITC-65202, Clone: KP1) (red), or Mouse IgG1 Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Monocytes were gated.