For Research Use Only

FITC Plus Anti-Human CD64 (10.1)

Catalog Number:FITC-65253

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
FITC-65253

Size:
100tests , 5 μl/test

Source:
Mouse

Isotype:
IgG1, kappa

GenBank Accession Number:
BC032634

GeneID (NCBI):
2209

Full Name:
Fc fragment of IgG, high affinity Ia, receptor (CD64)

Calculated MW:
374 aa, 43 kDa

Purification Method:
Affinity purification

CloneNo.:
10.1

Excitation/Emission maxima wavelengths:
495 nm / 524 nm

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

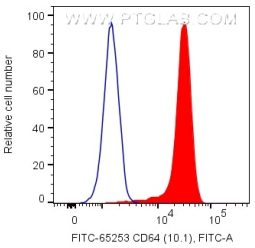
Fcγ receptor comprise a multigene family of integral membrane glycoproteins that exhibit complex activation or inhibitory effects on cell functions after aggregation by complexed immunoglobulin G (IgG) (PMID: 17005690). CD64, also known as Fcγ RIA, is a high-affinity receptor for the Fc region of IgG. It is expressed by monocytes/macrophages, activated neutrophils, dendritic cells, and early myeloid cells (PMID: 23293080; 19642859; 7680917). CD64 functions in both innate and adaptive immune responses.

Storage

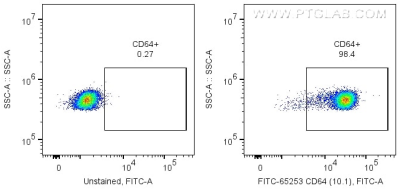
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

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

Selected Validation Data



1X10^6 human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD64 (FITC-65253, Clone:10.1) or unstained. Cells were not fixed. Monocytes were gated.



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