

For Research Use Only

FITC Plus Anti-Mouse CD64 Rabbit Recombinant Antibody

Catalog Number: FITC-98218



Basic Information

Catalog Number:

FITC-98218

Size:

100ug , 500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_010186.5

GeneID (NCBI):

14129

UNIPROT ID:

P26151

Full Name:

Fc receptor, IgG, high affinity I

Calculated MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

241809A6

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

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 R1A, 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.

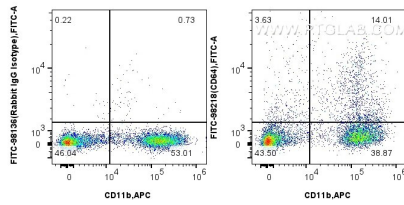
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

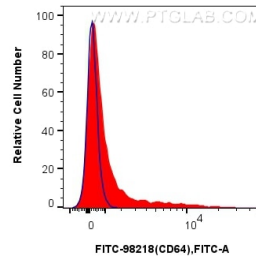
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with APC Anti-Mouse CD11b, and 0.25 ug FITC Plus Anti-Mouse CD64 Rabbit RecAb (FITC-98218, Clone: 241809A6) or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug FITC Plus Anti-Mouse CD64 Rabbit RecAb (FITC-98218, Clone:241809A6) (red) or FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9) (blue). Cells were not fixed.