For Research Use Only

CoraLite® Plus 647 Anti-Mouse CD16/32 (93)

Catalog Number:CL647-65057

Basic Information

Catalog Number:
CL647-65057

Size:
100ug , 500 µg/ml

Source:
Rat

Isotype:
IgG2a, lambda

GenBank Accession Number:
BC038070

GeneID (NCBI):
14130

UNIPROT ID:
P08101

Full Name:
Fc receptor, IgG, low affinity IIb

Purification Method:
Affinity purification

CloneNo.:
93

Recommended Dilutions:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
IF, FC

Species Specificity:
Mouse

Positive Controls:

IF : mouse splenocytes,

Background Information

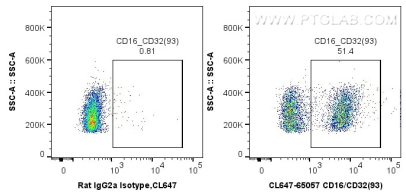
CD16 (Fcγ RIII) is a 50-70 kDa low affinity Fc receptor found on the surface of natural killer cells, neutrophil polymorphonuclear leukocytes, monocytes and macrophages. CD16 mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis. CD32 (Fcγ RII) is a 40 kD transmembrane glycoprotein that binds to the Fc region of IgG with low affinity. CD32 is present on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes.

Storage

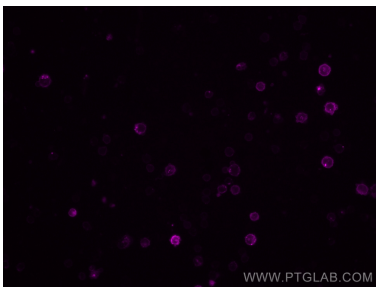
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

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 mouse splenocytes were surface stained with 0.5 ug CoraLite® Plus 647 Anti-Mouse CD16/32 (CL647-65057, Clone:93), or 0.5 ug Control Antibody. Cells were not fixed.



Immunofluorescent analysis of mouse splenocytes using CoraLite® Plus 647 CD16/32 antibody (CL647-65057, Clone: 93) at dilution of 1:100.