

For Research Use Only

CoraLite®488 Anti-Mouse CD16/32 (93)



Catalog Number:CL488-65057

Basic Information

Catalog Number:

CL488-65057

Size:

100tests , 5 µl/test

Source:

Rat

Isotype:

IgG2a

GenBank Accession Number:

BC038070

GeneID (NCBI):

14130

Full Name:

Fc receptor, IgG, low affinity IIb

Purification Method:

Affinity purification

CloneNo.:

93

Excitation/Emission maxima
wavelengths:

488 nm/515 nm

Applications

Tested Applications:

FC

Species Specificity:

Mouse

Background Information

CD16 (F_cγRIII) 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 (F_cγRII) 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.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

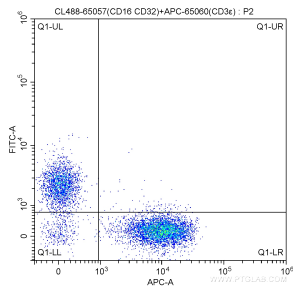
For technical support and original validation data for this product please contact:

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

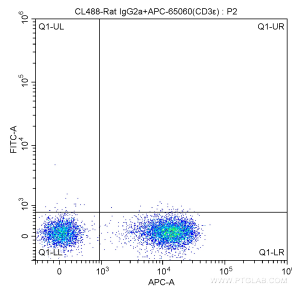
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ mouse splenocytes were surface stained with APC Anti-Mouse CD3 ϵ (APC-65060, Clone: 145-2C11) and 5 μ l CoraLite[®]488 Anti-Mouse CD16/32 (CL488-65057, Clone: 93). Cells were not fixed.



1X10⁶ mouse splenocytes were surface stained with APC Anti-Mouse CD3 ϵ (APC-65060, Clone: 145-2C11) and CoraLite[®]488 conjugated Rat IgG2a isotype control. Cells were not fixed.