

For Research Use Only

# Anti-Human CD16 (3G8)

Catalog Number: 65090-1-Ig



## Basic Information

<b>Catalog Number:</b> 65090-1-Ig	<b>GenBank Accession Number:</b> BC017865	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug , 500 µg/ml	<b>GeneID (NCBI):</b> 2214	<b>CloneNo.:</b> 3G8
<b>Source:</b> Mouse	<b>Full Name:</b> Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	
<b>Isotype:</b> Mouse IgG1, k	<b>Calculated MW:</b> 254 aa, 29 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Human

## Background Information

CD16 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. CD16 has been identified as Fc receptors Fcγ RIIIa (CD16a) and Fcγ RIIIb (CD16b), encoded by two nearly identical genes, FCGR3A and the FCGR3B.

## Storage

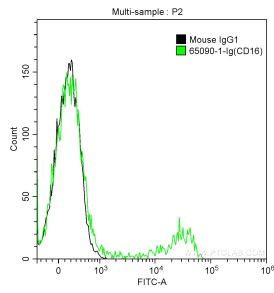
**Storage:**  
Store at 2-8°C.

**Storage Buffer:**  
PBS with 0.1% sodium azide, 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

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## Selected Validation Data



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 1 ug Anti-Human CD16 (65090-1-Ig, Clone: 3G8) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or 1 ug Mouse IgG1 Isotype Control and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Samples were not fixed.