

Nur für Forschungszwecke

# CD16 Monoklonaler Antikörper

Katalog-Nr.:CL488-65090



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-65090	<b>GenBank-Zugangsnummer:</b> BC017865	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 2214	<b>CloneNo.:</b> 3G8
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Isotyp:</b> IgG1, kappa	<b>Berechnete Masse:</b> 254 aa, 29 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

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. Clone 3G8 recognizes both the CD16a and CD16b (PMID: 7592758).

## Lagerung

**Lagerungsbedingungen:**

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Lagerungspuffer:**

PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

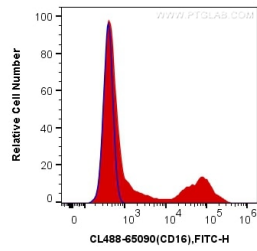
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD16 (CL488-65090, Clone:3G8) (red), or Control Antibody (blue). Cells were not fixed.