

Nur für Forschungszwecke

# CD16 / CD32 Monoklonaler Antikörper

Katalog-Nr.:PE-65080



## Allgemeine Informationen

|                                   |  |  |
|-----------------------------------|--|--|
| <b>Katalog-Nr.:</b><br>PE-65080   | <b>GenBank-Zugangsnummer:</b><br>BC038070                        | <b>Reinigungsmethode:</b><br>Affinitätsreinigung                           |
| <b>Größe:</b><br>100ug, 0.2 mg/ml | <b>GeneID (NCBI):</b><br>14130                                   | <b>CloneNo.:</b><br>2.4G2  |
| <b>Wirt:</b><br>Ratte             | <b>Vollständiger Name:</b><br>Fc receptor, IgG, low affinity IIb | <b>Anregungs-/Emissionsmaxima-Wellenlängen:</b><br>496 nm, 565 nm / 578 nm |
| <b>Isotyp:</b><br>IgG2b           |  |  |

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Maus

## Hintergrundinformationen

CD16 (FcγRIII) 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 (FcγRII) 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. The 2.4G2 antibody reacts with the extracellular domains of mouse CD16 (FcRIII) and CD32 (FcRII) (PMID: 90108; 8406898).

## Lagerung

**Lagerungsbedingungen:**  
Bei 2-8°C lagern. Vor Licht schützen.

**Lagerungspuffer:**  
Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

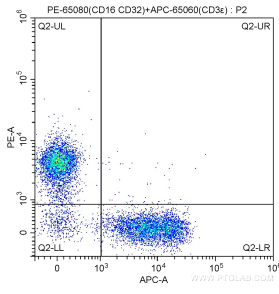
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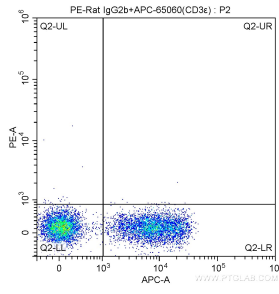
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3ε (APC-65060, Clone: 145-2C11) and 0.13 ug PE Anti-Mouse CD16 / CD32 (PE-65080, Clone: 2.4G2). Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3ε (APC-65060, Clone: 145-2C11) and 0.13 ug PE-Rat IgG2b isotype control antibody. Cells were not fixed.