

Nur für Forschungszwecke

# CD64 Monoklonaler Antikörper

Katalog-Nr.:PE-65253



## Allgemeine Informationen

<b>Katalog-Nr.:</b> PE-65253	<b>GenBank-Zugangsnummer:</b> BC032634	<b>Reinigungsmethode:</b> N/A
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 2209	<b>CloneNo.:</b> 10.1
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> Fc fragment of IgG, high affinity Ia, receptor (CD64)	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 496 nm, 565 nm / 578 nm
<b>Isotyp:</b> IgG1, kappa	<b>Berechnete Masse:</b> 374 aa, 43 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

Fcγ receptor comprise a multigene family of integral membrane glycoproteins that exhibit complex activation or inhibitory effects on cell functions after aggregation by complexed immunoglobulin G (IgG) (PMID: 17005690). CD64, also known as Fcγ R1A, is a high-affinity receptor for the Fc region of IgG. It is expressed by monocytes/macrophages, activated neutrophils, dendritic cells, and early myeloid cells (PMID: 23293080; 19642859; 7680917). CD64 functions in both innate and adaptive immune responses.

## Lagerung

**Lagerungsbedingungen:**

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

**Lagerungspuffer:**

PBS with 0.09% sodium azide and 0.5% BSA.

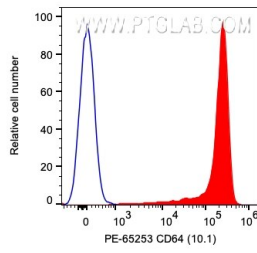
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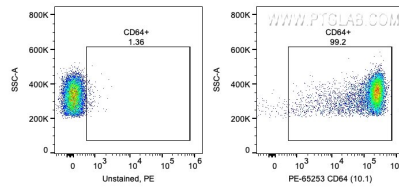
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul PE Anti-Human CD64 (PE-65253, Clone:10.1) (red) or unstained. Cells were not fixed. Monocytes were gated.



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul PE Anti-Human CD64 (PE-65253, Clone:10.1). Cells were fixed with 90% MeOH.