

Nur für Forschungszwecke

# CD25 Monoklonaler Antikörper

Katalog-Nr.:PE-65137



## Allgemeine Informationen

<b>Katalog-Nr.:</b> PE-65137	<b>GenBank-Zugangsnummer:</b> BC114437	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.2 mg/ml	<b>GeneID (NCBI):</b> 16184	<b>CloneNo.:</b> PC61.5
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> interleukin 2 receptor, alpha chain	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 496 nm, 565 nm / 578 nm
<b>Isotyp:</b> IgG1		

## Anwendungen

**Geprüfte Anwendungen:**  
FC  
**Getestete Reaktivität:**  
Maus

## Hintergrundinformationen

Proliferation of T lymphocytes is triggered by the interaction of IL-2 with its specific receptor following T lymphocyte activation. The receptor for IL-2 has three forms, generated by different combinations of three different proteins, the alpha chain (IL-2R alpha), the beta chain (IL-2R beta), and the gamma chain (IL-2R gamma) (PMID: 8476561). IL-2R alpha (also known as CD25) is a type I transmembrane protein present on activated T cells, activated B cells, some thymocytes, myeloid precursors, and oligodendrocytes. CD25 is also found on natural CD4<sup>+</sup>Foxp3<sup>+</sup> Treg cells (PMID: 22585674).

## Lagerung

**Lagerungsbedingungen:**  
Bei 2-8°C lagern. Vor Licht schützen.  
**Lagerungspuffer:**  
Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

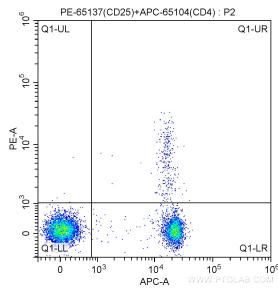
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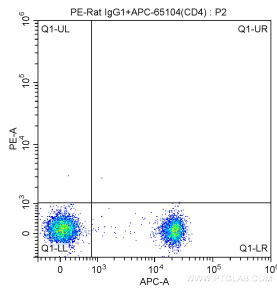
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> BALB/c mouse splenocytes were surface stained with APC-Anti-Mouse CD4 (APC-65104, Clone: GK1.5) and 0.13 ug PE Anti-Mouse CD25 (PE-65137, Clone: PC61.5). Cells were not fixed.



1X10<sup>6</sup> BALB/c mouse splenocytes were surface stained with APC-Anti-Mouse CD4 (APC-65104, Clone: GK1.5) and 0.13 ug PE-Rat IgG1 isotype control. Cells were not fixed.