

Nur für Forschungszwecke

# CD25 Monoklonaler Antikörper

Katalog-Nr.: APC-65096



## Allgemeine Informationen

<b>Katalog-Nr.:</b> APC-65096	<b>GenBank-Zugangsnummer:</b> BC156627	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests, 5 µl/test	<b>GeneID (NCBI):</b> 3559	<b>CloneNo.:</b> BC96
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> interleukin 2 receptor, alpha	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 650 nm / 660 nm
<b>Isotyp:</b> IgG1, kappa	<b>Berechnete Masse:</b> 272 aa, 31 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

## 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 and a subset of human CD4<sup>+</sup> memory T cells (PMID: 22585674).

## Lagerung

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

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

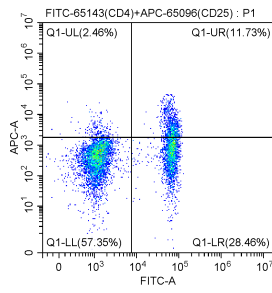
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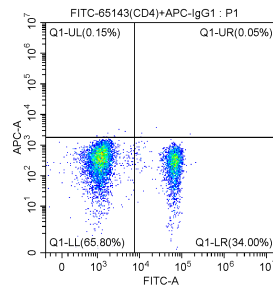
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 0.125 ug FITC-Anti-Human CD4 (FITC-65143, clone RPA-T4) and 0.125 ug APC-Anti-Human CD25 (APC-65096, clone BC96). Cells were not fixed.



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 0.125 ug FITC-Anti-Human CD4 (FITC-65143, clone RPA-T4) and 0.125 ug APC-mouse IgG1 isotype control. Cells were not fixed.