

Nur für Forschungszwecke

# CD4 Monoklonaler Antikörper

Katalog-Nr.: PE-65134



## Allgemeine Informationen

<b>Katalog-Nr.:</b> PE-65134	<b>GenBank-Zugangsnummer:</b> BC025782	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests, 5 µl/test	<b>GeneID (NCBI):</b> 920	<b>CloneNo.:</b> OKT4
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD4 molecule	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 496 nm, 565 nm / 578 nm
<b>Isotyp:</b> IgG2b, kappa	<b>Berechnete Masse:</b> 55 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cells (PMID: 9304802; 12213222). CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. It plays an important role in T helper cell development and activation (PMID: 9539765; 3112582). CD4 serves as a receptor for the human immunodeficiency virus (HIV) (PMID: 9304802).

## 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.

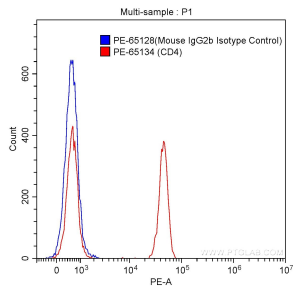
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## Ausgewählte Validierungsdaten



$1 \times 10^6$  human peripheral blood lymphocytes were surface stained with 0.06  $\mu$ g PE-anti-human CD4 (PE-65134, clone OKT4) (red) or 0.06  $\mu$ g PE-mouse IgG2b isotype control (blue). Cells were not fixed.