

Nur für Forschungszwecke

# CD4 Monoklonaler Antikörper

Katalog-Nr.:CL405-65141



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL405-65141	<b>GenBank-Zugangsnummer:</b> BC039137	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 12504	<b>CloneNo.:</b> RM4-5
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> CD4 antigen	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 399 nm / 422 nm
<b>Isotyp:</b> IgG2a, kappa		

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Maus

## 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:**  
PBS with 0.09% sodium azide.

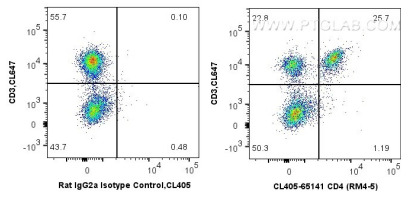
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## Ausgewählte Validierungsdaten



$1 \times 10^6$  mouse splenocytes were surface co-stained with CoraLite® Plus 647 Anti-Mouse CD3 and 0.5 ug CoraLite® Plus 405 Anti-Mouse CD4 (CL405-65141, Clone: RM4-5) or 0.5 ug Isotype Control. Cells were not fixed.