

Nur für Forschungszwecke

# CD4 Monoklonaler Antikörper

Katalog-Nr.:CL647-65141



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-65141	<b>GenBank-Zugangsnummer:</b> BC039137	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 12504	<b>CloneNo.:</b> RM4-5
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> CD4 antigen	<b>Empfohlene Verdünnungen:</b> IF 1:250-1:1000
<b>Isotyp:</b> IgG2a, kappa		<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 654 nm / 674 nm

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF	<b>Positivkontrollen:</b> IF : Maus-Splenozyten,
<b>Getestete Reaktivität:</b> 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 mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

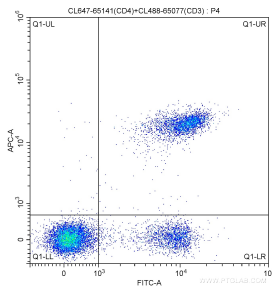
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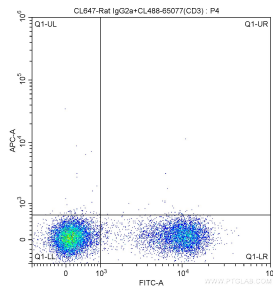
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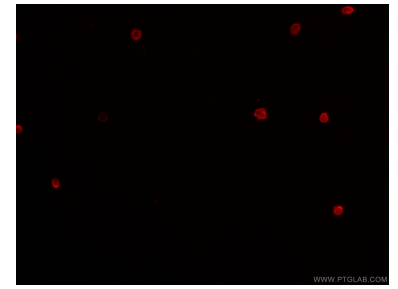
## Ausgewählte Validierungsdaten



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with CoraLite®488-conjugated Anti-Mouse CD3 (CL488-65077, Clone:17A2) and 5.00 ul CoraLite® Plus 647-conjugated Anti-Mouse CD4 (CL647-65141, Clone: RM4-5). Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with CoraLite®488-conjugated Anti-Mouse CD3 (CL488-65077, Clone:17A2) and CoraLite® Plus 647-conjugated Rat IgG2a isotype control antibody. Cells were not fixed.



Immunofluorescent analysis of mouse splenocytes using CoraLite® Plus 647-conjugated Anti-Mouse CD4 (CL647-65141, Clone: RM4-5) at dilution of 1:500.