

Nur für Forschungszwecke

# CD8 Monoklonaler Antikörper

Katalog-Nr.:CL647-65146



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-65146	<b>GenBank-Zugangsnummer:</b> BC025715	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 925	<b>CloneNo.:</b> SK1
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD8a molecule	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 654 nm / 674 nm
<b>Isotyp:</b> IgG1, kappa	<b>Berechnete Masse:</b> 235 aa, 26 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC  
**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

CD8 is a transmembrane glycoprotein composed of two disulfide-linked chains. It can be present as a homodimer of CD8a or as a heterodimer of CD8a and CD8β (PMID: 3264320; 8253791). CD8 is found on most thymocytes. The majority of class I-restricted T cells express mostly the CD8aβ heterodimer while CD8aa homodimers alone have been found on some gut intraepithelial T cells , on some T cell receptor (TCR) γδ T cells and on NK cells (PMID: 2111591; 1831127; 8420975). CD8 acts as a co-receptor that binds to MHC class-I and participates in cytotoxic T cell activation (PMID: 8499079). During T cell development, CD8 is required for positive selection of CD4-/CD8+ T cells (PMID: 1968084).

## 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.

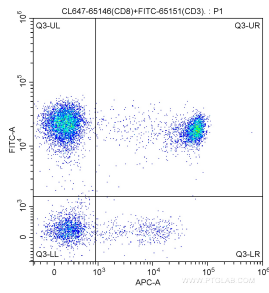
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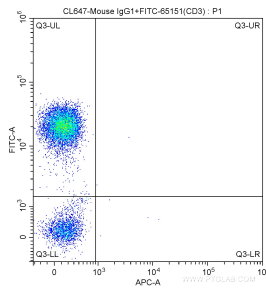
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W: [ptglab.com](http://ptglab.com)

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## Ausgewählte Validierungsdaten



100 ul human peripheral blood were surface stained with FITC Anti-Human CD3 (FITC-65151, Clone: UCHT1) and 5.00 ul CoraLite® Plus 647-conjugated Anti-Human CD8 (CL647-65146, Clone: SK1). Lymphocytes were gated for analysis. Cells were not fixed.



100 ul human peripheral blood were surface stained with FITC Anti-Human CD3 (FITC-65151, Clone: UCHT1) and CoraLite® Plus 647-conjugated Mouse IgG1 isotype control antibody. Lymphocytes were gated for analysis. Cells were not fixed.