

Nur für Forschungszwecke

# CD8a Monoklonaler Antikörper

Katalog-Nr.:CL555-65205



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL555-65205	<b>GenBank-Zugangsnummer:</b> BC030679	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 12525	<b>CloneNo.:</b> 5H10-1
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> CD8 antigen, alpha chain	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 554 nm / 570 nm
<b>Isotyp:</b> IgG2b, lambda		

## Anwendungen

**Geprüfte Anwendungen:**  
FC  
**Getestete Reaktivität:**  
Maus

## 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 with 0.09% sodium azide.

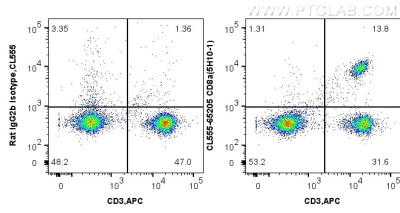
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> mouse splenocytes were surface co-stained with APC Anti-Mouse CD3 and 0.5 µg CoraLite® Plus 555 Anti-Mouse CD8a (CL555-65205, Clone:5H10-1) or 0.5 µg Isotype Control. Cells were not fixed.