

Nur für Forschungszwecke

# CD8a Monoklonaler Antikörper

Katalog-Nr.:CL488-65135



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-65135	<b>GenBank-Zugangsnummer:</b> BC025715	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 925	<b>CloneNo.:</b> OKT8
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD8a molecule	<b>Empfohlene Verdünnungen:</b> IF 1:200-1:800
<b>Isotyp:</b> IgG2a, kappa	<b>Berechnete Masse:</b> 235 aa, 26 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF	<b>Positivkontrollen:</b> IF : humane mononukleäre Zellen aus peripherem Blut,
<b>Getestete Reaktivität:</b> 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.

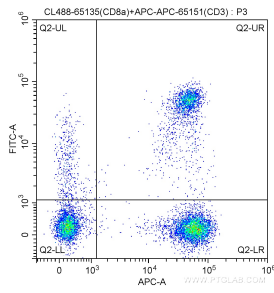
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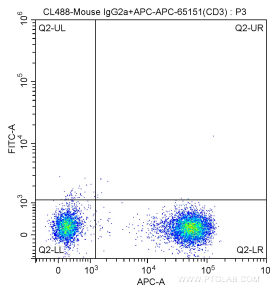
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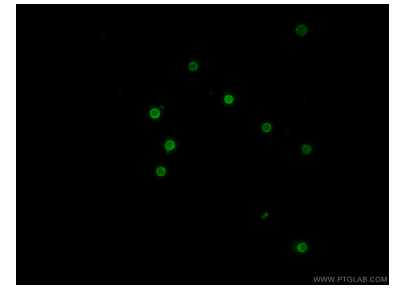
## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with APC Anti-Human CD3 (APC-65151, Clone: UCHT1) and 5.00 ul CoraLite® Plus 488-conjugated Anti-Human CD8a (CL488-65135, Clone: OKT8). Cells were not fixed.



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with APC Anti-Human CD3 (APC-65151, Clone: UCHT1) and CoraLite® Plus 488-conjugated Mouse IgG2a isotype control antibody. Cells were not fixed.



Immunofluorescent analysis of human peripheral blood mononuclear cells (PBMCs) using CoraLite® Plus 488-conjugated Anti-Human CD8a (CL488-65135, Clone: OKT8) at dilution of 1:400.