

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD8a

Numéro de catalogue: **CL647-65113**



## Informations de base

<b>Numéro de catalogue:</b> CL647-65113	<b>Numéro d'acquisition GenBank:</b> BC025715	<b>Méthode de purification:</b> Purification par affinité
<b>Taille:</b> 100tests , 5 µl/test	<b>Identification du gène (NCBI):</b> 925	<b>CloneNo.:</b> Hit8a
<b>Hôte:</b> Mouse	<b>Nom complet:</b> CD8a molecule	<b>Excitation/Emission maxima wavelengths:</b> 654 nm / 674 nm
<b>Isotype:</b> IgG1, kappa	<b>MW calculé</b> 235 aa, 26 kDa	

## Applications

**Applications testées:**  
FC

**Spécificité de l'espèce:**  
Humain

## Informations générales

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 CD8aα 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).

## Stockage

**Stockage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Tampon de stockage:**  
PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

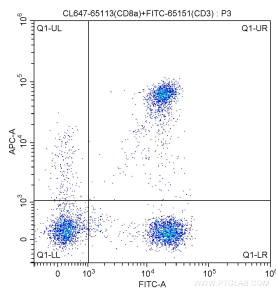
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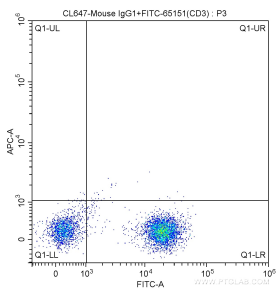
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## Données de validation sélectionnées



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with FITC Anti-Human CD3 (FITC-65151, Clone: UCHT1) and 5.00 ul CoraLite® Plus 647-conjugated Anti-Human CD8a (CL647-65113, Clone: Hit8a). Cells were not fixed.



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with FITC Anti-Human CD3 (FITC-65151, Clone: UCHT1) and CoraLite® Plus 647-conjugated Mouse IgG1 isotype control antibody. Cells were not fixed.