

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD8a

Numéro de catalogue: **CL488-65205**



## Informations de base

Numéro de catalogue:

CL488-65205

Taille:

100ug, 0.5 mg/ml

Hôte:

Rat

Isotype:

IgG2b, lambda

Numéro d'acquisition GenBank:

BC030679

Identification du gène (NCBI):

12525

Nom complet:

CD8 antigen, alpha chain

Méthode de purification:

Purification par protéine A

CloneNo.:

5H10-1

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Applications testées:

FC

Spécificité de l'espèce:

souris

## 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 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).

## Stockage

Stockage:

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

Tampon de stockage:

PBS with 0.09% sodium azide.

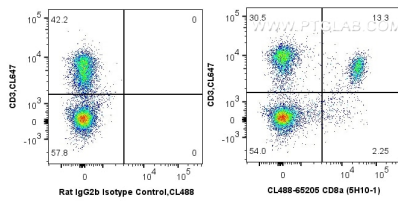
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## Données de validation sélectionnées



1X10<sup>6</sup> mouse splenocytes were surface co-stained with CoraLite® Plus 647 Anti-Mouse CD3 (17A2) and 0.5 ug CoraLite® Plus 488 Anti-Mouse CD8a (CL488-65205, Clone:5H10-1) or 0.5 ug Isotype Control. Cells were not fixed.