

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD8a

Numéro de catalogue: **AB-65205**



## Informations de base

Numéro de catalogue:  
AB-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 affinité

CloneNo.:  
5H10-1

Excitation/Emission maxima  
wavelengths:  
404 nm / 458 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.

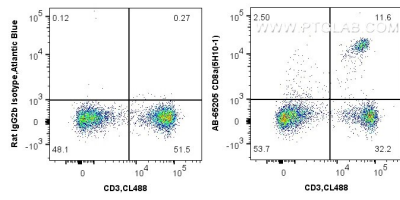
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## Données de validation sélectionnées



1x10<sup>6</sup> mouse splenocytes were surface co-stained with Coralite® Plus 488 Anti-Mouse CD3 (17A2) and 0.5 µg Atlantic Blue™ Anti-Mouse CD8a (AB-65205, Clone: 5H10-1), or 0.5 µg Isotype Control. Cells were not fixed.