

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD8a

Numéro de catalogue: 65069-1-Ig **3 Publications**



## Informations de base

|                                    |   |   |
|------------------------------------|---|---|
| Numéro de catalogue:<br>65069-1-Ig | Numéro d'acquisition GenBank:<br>BC030679 | Méthode de purification:<br>Purification par affinité |
| Taille:<br>500ug, 0.5 mg/ml        | Identification du gène (NCBI):<br>12525   | CloneNo.:<br>53-6.7                                   |
| Hôte:<br>Rat                       | Nom complet:<br>CD8 antigen, alpha chain  |   |
| Isotype:<br>IgG2a, kappa           |   |   |

## Applications

Applications testées:  
FC

Demandes citées:  
FC, IF

Spécificité de l'espèce:  
souris

Espèces citées:  
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).

## Publications notables

| Autrice      | Pubmed ID | Journal           | Application |
|--------------|-----------|-------------------|-------------|
| Huajing Wang | 34090420  | Malar J           | FC          |
| Wenxuan Xu   | 36134371  | Nanoscale Adv     | FC          |
| Jun Wang     | 37697956  | CNS Neurosci Ther | IF          |

## Stockage

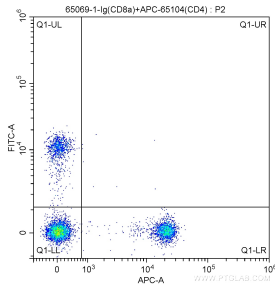
Stockage:  
Store at 2-8°C. Stable for one year after shipment.

Tampon de stockage:  
Solution saline tamponnée au borate, pH 8,2.

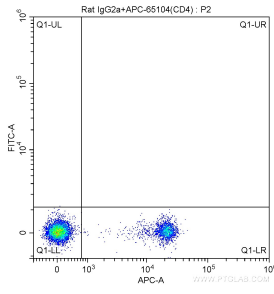
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## Données de validation sélectionnées



1X10<sup>6</sup> mouse splenocytes were surface stained with APC Anti-Mouse CD4 (APC-65104, Clone: GK1.5), and 0.5 ug Anti-Mouse CD8a (65069-1-Ig, Clone: 53-6.7) and FITC Anti-Rat IgG2a Antibody at dilution 1:200. Cells were not fixed.



1X10<sup>6</sup> mouse splenocytes were surface stained with APC Anti-Mouse CD4 (APC-65104, Clone: GK1.5), and 0.5 ug Rat IgG2a Isotype Control and FITC Anti-Rat IgG2a Antibody at dilution 1:200. Cells were not fixed.