

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD3

Numéro de catalogue: **CL488-65112**



## Informations de base

Numéro de catalogue:

CL488-65112

Taille:

100tests , 5 µl/test

Hôte:

Mouse

Isotype:

IgG2a, kappa

Numéro d'acquisition GenBank:

BC049847

Identification du gène (NCBI):

916

Nom complet:

CD3e molecule, epsilon (CD3-TCR complex)

MW calculé

207 aa, 23 kDa

Méthode de purification:

Purification par affinité

CloneNo.:

Hit3a

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Applications testées:

FC

Spécificité de l'espèce:

Humain

## Informations générales

CD3 is a multimeric protein associated with the T-cell receptor (TCR) to form a complex involved in antigen recognition and signal transduction (PMID: 15885124). CD3 is composed of CD3 $\gamma$ ,  $\delta$ ,  $\epsilon$ , and  $\zeta$  chains (PMID: 1826255). It is expressed by thymocytes in a developmentally regulated manner, T cells, and some NK cells (PMID: 3289580). The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction (PMID: 11985657).

## 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.

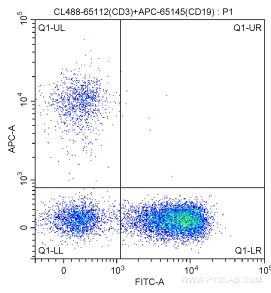
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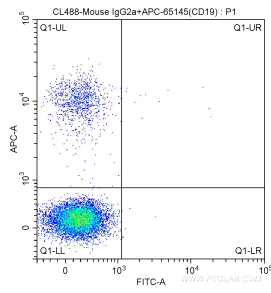
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Données de validation sélectionnées



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with APC-Anti-Human CD19 (APC-65145, Clone: SJ25C1) and 5.00 ul CoraLite® Plus 488-conjugated Anti-Human CD3 (CL488-65112, Clone: Hit3a). Cells were not fixed.



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with APC-Anti-Human CD19 (APC-65145, Clone: SJ25C1) and CoraLite® Plus 488-conjugated Mouse IgG2a isotype control antibody. Cells were not fixed.