

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD3

Numéro de catalogue: **CL488-65077**



Informations de base

Numéro de catalogue:
CL488-65077

Taille:
100tests, 5 µl/test

Hôte:
Rat

Isotype:
IgG2b, kappa

Numéro d'acquisition GenBank:
BC098236

Identification du gène (NCBI):
12501

Nom complet:
CD3 antigen, epsilon polypeptide

Méthode de purification:
Purification par affinité

CloneNo.:
17A2

Dilutions recommandées:
IF 1:250-1:1000

Excitation/Emission maxima
wavelengths:
493 nm / 522 nm

Applications

Applications testées:
FC, IF

Spécificité de l'espèce:
souris

Contrôles positifs:

IF : splénocytes de souris,

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 γ , δ , ϵ , and ζ 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.

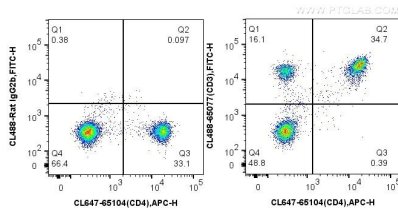
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

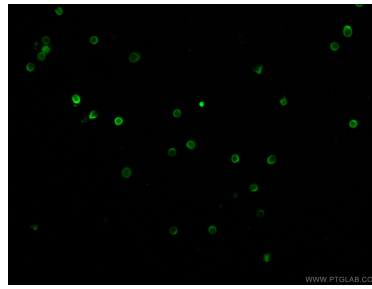
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ mouse splenocytes were surface stained with 5 ul CoraLite® Plus 647 Anti-Mouse CD4 (GK1.5) (CL647-65104, Clone: GK1.5) and CoraLite® Plus 488-Rat IgG2b isotype control (left) or 5 ul CoraLite® Plus 488 Anti-Mouse CD3 (CL488-65077, Clone: 17A2) (right). Cells were not fixed.



Immunofluorescent analysis of mouse splenocytes using CoraLite® Plus 488-conjugated Anti-Mouse CD3 (CL488-65077, Clone: 17A2) at dilution of 1:500.