

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD16 / CD32



Numéro de catalogue: **CL488-65080**

## Informations de base

Numéro de catalogue:

CL488-65080

Taille:

100tests , 5 µl/test

Hôte:

Rat

Isotype:

IgG2b

Numéro d'acquisition GenBank:

BC038070

Identification du gène (NCBI):

14130

Nom complet:

Fc receptor, IgG, low affinity IIb

Méthode de purification:

Purification par affinité

CloneNo.:

2.4G2

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Applications testées:

FC

Spécificité de l'espèce:

souris

## Informations générales

CD16 (FcγRIII) is a 50-70 kDa low affinity Fc receptor found on the surface of natural killer cells, neutrophil polymorphonuclear leukocytes, monocytes and macrophages. CD16 mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis. CD32 (FcγRII) is a 40 kD transmembrane glycoprotein that binds to the Fc region of IgG with low affinity. CD32 is present on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. The 2.4G2 antibody reacts with the extracellular domains of mouse CD16 (FcRIII) and CD32 (FcRII) (PMID: 90108; 8406898).

## Stockage

Stockage:

Stocker à une température comprise entre 2 °C et 8 °C. Éviter toute exposition à la lumière.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et BSA à 0,5 %, pH 7,3.

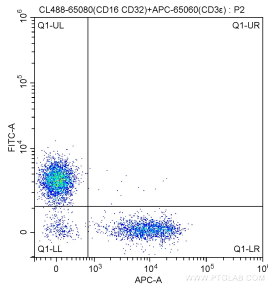
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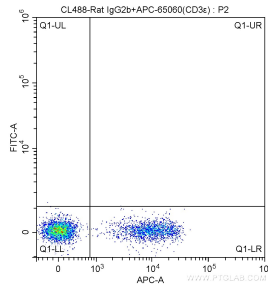
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Données de validation sélectionnées



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 $\epsilon$  (APC-65060, Clone: 145-2C11) and 5  $\mu$ l CoraLite<sup>®</sup> Plus 488-conjugated Anti-Mouse CD16 / CD32 (CL488-65080, Clone: 2.4G2). Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 $\epsilon$  (APC-65060, Clone: 145-2C11) and CoraLite<sup>®</sup> Plus 488-conjugated Rat IgG2b isotype control antibody. Cells were not fixed.