

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD21

Numéro de catalogue: 65198-1-Ig



## Informations de base

Numéro de catalogue:

65198-1-Ig

Taille:

100ug, 0.5 mg/ml

Hôte:

Mouse

Isotype:

IgG1, kappa

Numéro d'acquisition GenBank:

BC136394

Identification du gène (NCBI):

1380

Nom complet:

complement component (3d/Epstein  
Barr virus) receptor 2

MW calculé

1092 aa, 119 kDa

Méthode de purification:

Purification par protéine G

CloneNo.:

BU32

## Applications

Applications testées:

FC

Spécificité de l'espèce:

Humain

## Informations générales

CD21, also known as complement receptor type 2 (CR2), complement C3d receptor, and Epstein-Barr virus receptor, is a transmembrane protein that contains a small cytoplasmic domain, a transmembrane region and an extracellular domain consisting of 15 tandem short consensus repeat sequences (PMID: 6230668; 2551147). It is expressed on B cells, follicular dendritic cells, thymocytes and a subset of peripheral T cells (PMID: 26119182). CD21 binds complement fragments C3d, C3dg and iC3b and acts as a receptor for the Epstein-Barr virus (PMID: 7753047). On B cells, together with CD19 and CD81, CD21 forms a complex that functions as a co-receptor to the BCR (PMID: 7542009). It is involved in B cells activation and functions.

## Stockage

Stockage:

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

Tampon de stockage:

PBS with 0.09% sodium azide.

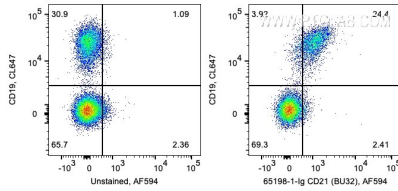
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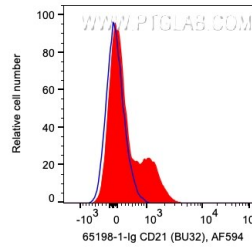
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## Données de validation sélectionnées



1X10<sup>6</sup> human PBMCs were surface co-stained with CL647 Anti-Human CD19 and 0.2 ug Anti-Human CD21 (65198-1-Ig, Clone:BU32) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 or unstained. Cells were not fixed. Lymphocytes were gated.



1X10<sup>6</sup> human PBMCs were surface stained with 0.2 ug Anti-Human CD21 (65198-1-Ig, Clone:BU32) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 or unstained. Cells were not fixed. Lymphocytes were gated.