

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD19

Numéro de catalogue: CL488-65197



Informations de base

Numéro de catalogue:

CL488-65197

Taille:

100tests, 5 µl/test

Hôte:

Mouse

Isotype:

IgG1, kappa

Numéro d'acquisition GenBank:

BC006338

Identification du gène (NCBI):

930

Nom complet:

CD19 molecule

MW calculé

556 aa, 61 kDa

Méthode de purification:

Purification par protéine G

CloneNo.:

4G7

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Applications testées:

FC

Spécificité de l'espèce:

Humain

Informations générales

CD19 is a 95 kDa type I transmembrane glycoprotein belonging to the immunoglobulin superfamily (PMID: 2472450). It is expressed by B cells and follicular dendritic cells. CD19 is up-regulated at the step of B-lineage commitment during the differentiation of the hematopoietic stem cell, it remains on during subsequent stages of differentiation until finally down-regulated during terminal differentiation into plasma cells (PMID: 8528044). CD19 is involved in B cell development, activation and differentiation. It is the dominant component for the signaling complex on B cells that includes CD21 (CR2), CD81 (TAPA-1) and CD225 and acts as a critical co-receptor for BCR signal transduction (PMID: 23210908).

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.

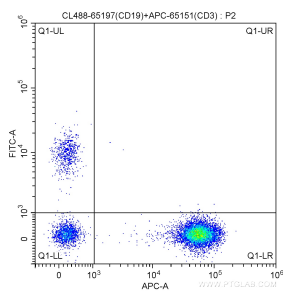
For technical support and original validation data for this product please contact:

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

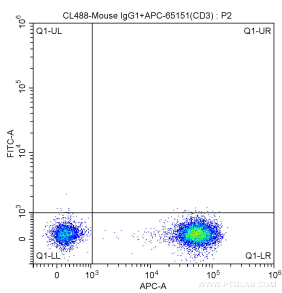
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ human peripheral blood lymphocytes were surface stained with APC-Anti-Human CD3 (APC-65151, Clone: UCHT1) and 5 ul CoraLite® Plus 488-conjugated Anti-Human CD19 (CL488-65197, Clone: 4G7). Cells were not fixed.



1X10⁶ human peripheral blood lymphocytes were surface stained with APC-Anti-Human CD3 (APC-65151, Clone: UCHT1) and CoraLite® Plus 488-conjugated Mouse IgG1 isotype control. Cells were not fixed.