

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD19

Numéro de catalogue: CR-65197



Informations de base

Numéro de catalogue:
CR-65197

Taille:
100tests, 5 ul/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 A

CloneNo.:
4G7

Excitation/Emission maxima
wavelengths:
592 nm / 611 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 with 0.09% sodium azide and 0.5% BSA.

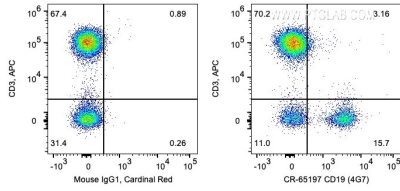
For technical support and original validation data for this product please contact:

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

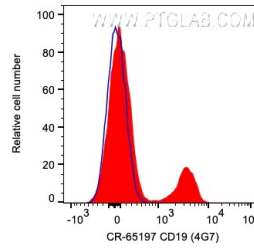
E: proteintech@ptglab.com
W: ptglab.com

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 PBMCs were surface co-stained with APC Anti-Human CD3 and 5 ul Cardinal Red™ Anti-Human CD19 (CR-65197, Clone:4G7) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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