

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD19

Numéro de catalogue: PE-65197



Informations de base

Numéro de catalogue: PE-65197	Numéro d'acquisition GenBank: BC006338	Méthode de purification: Purification par protéine G
Taille: 100tests, 5 µl/test	Identification du gène (NCBI): 930	CloneNo.: 4G7
Hôte: Mouse	Nom complet: CD19 molecule	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG1, kappa	MW calculé: 556 aa, 61 kDa	

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.

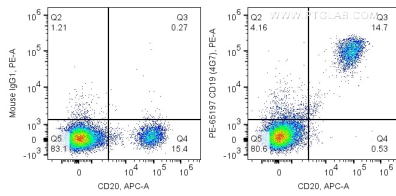
For technical support and original validation data for this product please contact:

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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 Anti-Human CD20 and 5 ul PE Anti-Human CD19 (PE-65197, Clone:4G7), or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.