

Nur für Forschungszwecke

CD19 Monoklonaler Antikörper

Katalog-Nr.:PE-65145



Allgemeine Informationen

Katalog-Nr.: PE-65145	GenBank-Zugangsnummer: BC006338	Reinigungsmethode: Affinitätsreinigung
Größe: 100tests , 5 µl/test	GeneID (NCBI): 930	CloneNo.: SJ25C1
Wirt: Maus	Vollständiger Name: CD19 molecule	Anregungs-/Emissionsmaxima-Wellenlängen: 496 nm, 565 nm / 578 nm
Isotyp: IgG1, kappa	Berechnete Masse: 556 aa, 61 kDa	

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
Human

Hintergrundinformationen

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).

Lagerung

Lagerungsbedingungen:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Lagerungspuffer:
Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

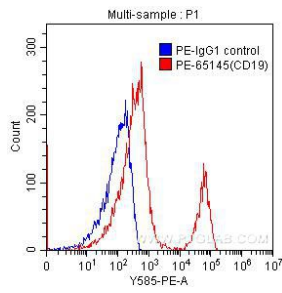
For technical support and original validation data for this product please contact:

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

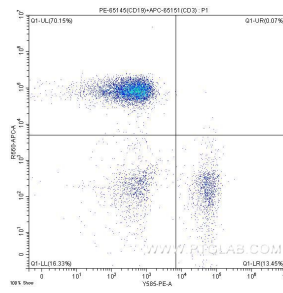
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



1x10⁶ human peripheral blood lymphocytes were surface stained with 0.25 ug PE-anti-human CD19 (PE-65145, clone SJ25C1) (red) or 0.25 ug PE-mouse IgG1 isotype control (blue). Cells were not fixed.



0.1 mL human whole blood cells were surface stained with 0.25 ug APC-anti-human CD3 (APC-65151, clone UCHT1) and 0.25 ug PE-anti-human CD19 (PE-65145, clone SJ25C1). Cells were then treated with red blood cell lysis buffer and were gated for lymphocytes for analysis of CD3 and CD19 staining. Cells were not fixed.