

# CD19 Monoklonaler Antikörper

Katalog-Nr.: AB-65197

## Allgemeine Informationen

<b>Katalog-Nr.:</b> AB-65197	<b>GenBank-Zugangsnummer:</b> BC006338	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 930	<b>CloneNo.:</b> 4G7
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD19 molecule	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 404 nm / 458 nm
<b>Isotyp:</b> IgG1, kappa	<b>Berechnete Masse:</b> 556 aa, 61 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC  
**Getestete Reaktivität:**  
Human

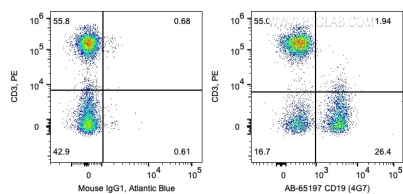
## Hintergrundinformationen

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).

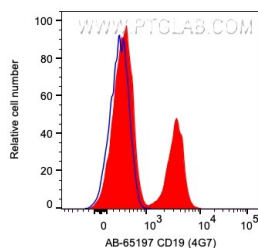
## Lagerung

**Lagerungsbedingungen:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Lagerungspuffer:**  
PBS with 0.09% sodium azide and 0.5% BSA.

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human PBMCs were surface co-stained with PE Anti-Human CD3 and 5 ul Atlantic Blue™ Anti-Human CD19 (AB-65197, Clone: 4G7) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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