

Nur für Forschungszwecke

# CD19 Monoklonaler Antikörper

Katalog-Nr.:FITC-65110



## Allgemeine Informationen

|                                       |   |  |
|---------------------------------------|---|--|
| <b>Katalog-Nr.:</b><br>FITC-65110     | <b>GenBank-Zugangsnummer:</b><br>BC006338   | <b>Reinigungsmethode:</b><br>Affinitätsreinigung                   |
| <b>Größe:</b><br>100tests , 5 µl/test | <b>GeneID (NCBI):</b><br>930                | <b>CloneNo.:</b><br>H1B19  |
| <b>Wirt:</b><br>Maus                  | <b>Vollständiger Name:</b><br>CD19 molecule | <b>Anregungs-/Emissionsmaxima-Wellenlängen:</b><br>494 nm / 520 nm |
| <b>Isotyp:</b><br>IgG1, kappa         | <b>Berechnete Masse:</b><br>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.

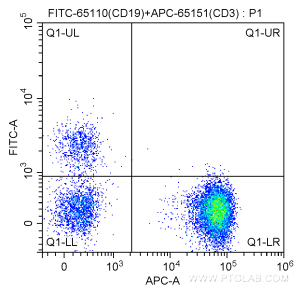
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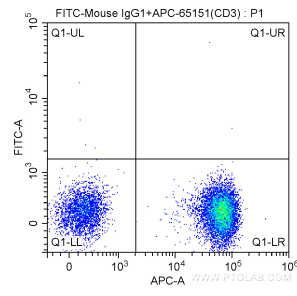
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with APC Anti-Human CD3 (APC-65151, Clone: UCHT1) and 5.00 ul FITC Anti-Human CD19 (FITC-65110, Clone: HIB19). Cells were not fixed.



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with APC Anti-Human CD3 (APC-65151, Clone: UCHT1) and FITC-Mouse IgG1 isotype control. Cells were not fixed.