

Nur für Forschungszwecke

# CD19 Monoklonaler Antikörper

Katalog-Nr.:CL647-65110



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-65110	<b>GenBank-Zugangsnummer:</b> BC006338	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 930	<b>CloneNo.:</b> H1B19
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD19 molecule	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 654 nm / 674 nm
<b>Isotyp:</b> Mouse 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:**  
Bei 2-8°C lagern. Vor Licht schützen.

**Lagerungspuffer:**  
PBS mit 0,1% Natriumazid und 0,5% BSA, pH 7,3.

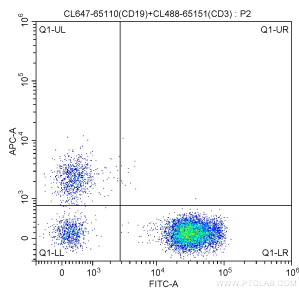
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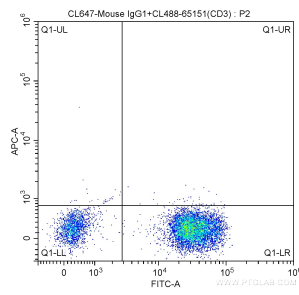
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 5 ul CoraLite®488-conjugated Anti-Human CD3 (CL488-65151, Clone: UCHT1) and 5 ul CoraLite® Plus 647-conjugated Anti-Human CD19 (CL647-65110, Clone: HIB19). Cells were not fixed.



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 5 ul CoraLite®488-conjugated Anti-Human CD3 (CL488-65151, Clone: UCHT1) and CoraLite® Plus 647-conjugated Mouse IgG1 isotype control. Cells were not fixed.