

Nur für Forschungszwecke

# CD38 Monoklonaler Antikörper

Katalog-Nr.:CL647-65111



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-65111	<b>GenBank-Zugangsnummer:</b> BC007964	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 952	<b>CloneNo.:</b> HIT2
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD38 molecule	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 654 nm / 674 nm
<b>Isotyp:</b> IgG1, kappa	<b>Berechnete Masse:</b> 300 aa, 34 kDa	

## Anwendungen

**Geprüfte Anwendungen:**

FC

**Getestete Reaktivität:**

Human

## Hintergrundinformationen

CD38, also known as ADP-ribosyl cyclase 1, is a type II transmembrane glycoprotein with a short N-terminal cytoplasmic tail, a single membrane-spanning domain, and a C-terminal extracellular region with four N-glycosylation sites (PMID: 2319135). The extracellular domain of CD38 has bifunctional enzyme activities that catalyze synthesis of cyclic ADP ribose from nicotinamide adenine dinucleotide (NAD) and hydrolysis of cyclic ADP ribose to adenosine diphosphoribose (PMID: 10636863). CD38 is expressed on a variety of hematopoietic and non-hematopoietic cells and is involved in diverse processes such as generation of calcium-mobilizing metabolites, cell activation, and chemotaxis (PMID: 25938500).

## Lagerung

**Lagerungsbedingungen:**

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

**Lagerungspuffer:**

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

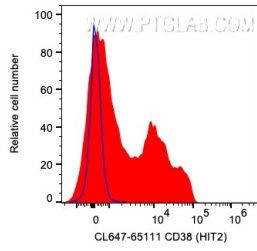
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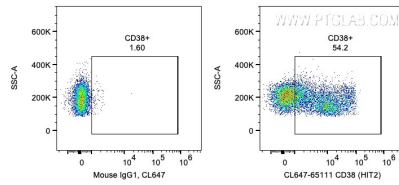
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD38 (CL647-65111, Clone: HIT2) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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