

Nur für Forschungszwecke

# CD38 Monoklonaler Antikörper

Katalog-Nr.:FITC-65059



## Allgemeine Informationen

<b>Katalog-Nr.:</b> FITC-65059	<b>GenBank-Zugangsnummer:</b> BC046312	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 12494	<b>CloneNo.:</b> 90
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> CD38 antigen	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 494 nm / 520 nm
<b>Isotyp:</b> IgG2a		

## Anwendungen

**Geprüfte Anwendungen:**  
FC  
**Getestete Reaktivität:**  
Maus

## 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:**  
Bei 2-8°C lagern. Vor Licht schützen.  
**Lagerungspuffer:**  
PBS mit 0,1% Natriumazid.

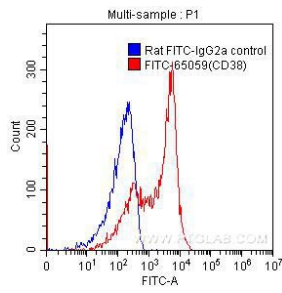
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with 0.20 ug FITC-Anti-Mouse CD38 (FITC-65059, clone 90) (red) or 0.20 ug FITC-rat IgG2a isotype control (blue). Cells were not fixed.