

Nur für Forschungszwecke

# CD72 Monoklonaler Antikörper

Katalog-Nr.: 65157-1-Ig



## Allgemeine Informationen

**Katalog-Nr.:**  
65157-1-Ig

**Größe:**  
100µg, 1 mg/ml

**Wirt:**  
Maus

**Isotyp:**  
Mouse IgG2b

**GenBank-Zugangsnummer:**  
BC011734

**GeneID (NCBI):**  
971

**Vollständiger Name:**  
CD72 molecule

**Reinigungsmethode:**  
Mit Präzipitation und  
Chromatographie aufgereinigt

**CloneNo.:**  
3F3

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

CD72 is a type II transmembrane glycoprotein of 39-45 kDa and is expressed as a disulphide-linked homodimer (PMID: 1711157). CD72 is a pan B-cell marker covering the full range of differentiation from the very early stages of B cells to mature surface Ig+ B cells (PMID: 1384316). It is expressed in all stages of B cell development except plasma cells. CD72 is also expressed by dendritic cells, tissue macrophages in the red pulp of the spleen and von Kupffer cells in the liver (PMID: 8561576; 1384316). CD72 is the ligand for CD5 (PMID: 1711157). CD72 is a negative regulator of BCR signaling (PMID: 9590210). Interaction of CD100 with CD72 strictly tunes the strength of BCR signals and is essential for maintaining immunological homeostasis as well as generating a proper immune response (PMID: 16113236).

## Lagerung

**Lagerungsbedingungen:**  
Bei 2-8°C lagern.  
**Lagerungspuffer:**  
PBS mit 0,1% Natriumazid.

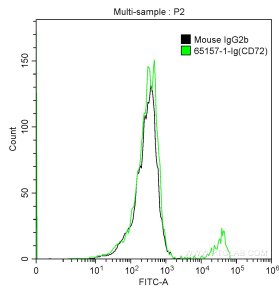
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 0.5 ug Anti-Human CD72 (65157-1-Ig, Clone: 3F3) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 0.5 ug isotype control and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Cells were not fixed.