

Nur für Forschungszwecke

# CD44 Monoklonaler Antikörper

Katalog-Nr.:65117-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 65117-1-Ig	<b>GenBank-Zugangsnummer:</b> BC051388	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 12505	<b>CloneNo.:</b> IM7
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> CD44 antigen	
<b>Isotyp:</b> IgG2b, kappa		

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human, Maus

## Hintergrundinformationen

CD44 is a type I transmembrane glycoprotein expressed on embryonic stem cells and in various levels on other cell types including connective tissues and bone marrow. CD44 expression is also upregulated in subpopulations of cancer cells and is recognized as a molecular marker for cancer stem cells (PMID: 29747682). It is a cell-surface receptor that mediates cell-cell and cell-matrix interactions through its affinity for hyaluronic acid (HA) and possibly also through its affinity for other ligands (PMID: 10694938). Adhesion with HA plays an important role in cell migration, tumor growth and progression. CD44 is also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis.

## Lagerung

**Lagerungsbedingungen:**  
Store at 2-8°C. Stable for one year after shipment.

**Lagerungspuffer:**  
Phosphatbasierter Puffer mit 0,09% Natriumazid, pH 7,2.

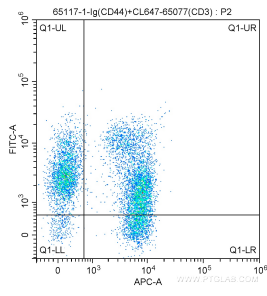
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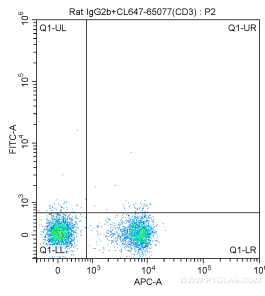
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> mouse splenocytes were surface stained with 5 ul CoralLite® Plus 647 Anti-Mouse CD3 (CL647-65077, Clone: 17A2), and 0.5 ug Anti-Mouse CD44 (65117-1-Ig, Clone: 1M7) and FITC anti-rat IgG2b Antibody at dilution 1:200. Cells were not fixed.



1X10<sup>6</sup> mouse splenocytes were surface stained with 5 ul CoralLite® Plus 647 Anti-Mouse CD3 (CL647-65077, Clone: 17A2), and 0.5 ug Rat IgG2b isotype control and FITC anti-rat IgG2b Antibody at dilution 1:200. Cells were not fixed.