

Nur für Forschungszwecke

# CD44 Monoklonaler Antikörper

Katalog-Nr.: FITC-65063

2 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> FITC-65063	<b>GenBank-Zugangsnummer:</b> BC004372	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 960	<b>CloneNo.:</b> F10-44-2
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD44 molecule (Indian blood group)	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 495 nm / 524 nm
<b>Isotyp:</b> IgG2a, kappa	<b>Berechnete Masse:</b> 742 aa, 82 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**In Publikationen genannte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

**Zitierte Arten:**  
Human

## 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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuan Cao	35696325	ACS Nano	FC
Chen Yuan	36852402	Open Life Sci	FC

## Lagerung

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

**Lagerungspuffer:**  
PBS with 0.09% sodium azide and 0.5% BSA.

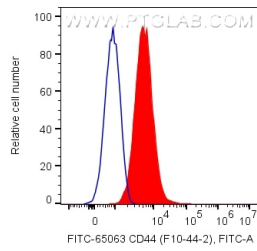
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD44 (FITC-65063, Clone: F10-44-2), or Mouse IgG2a Isotype Control. Cells were not fixed. Lymphocytes were gated.