

Nur für Forschungszwecke

# CD44 Monoklonaler Antikörper

Katalog-Nr.: FITC-65117

1 Publikationen



## Allgemeine Informationen

Katalog-Nr.:

FITC-65117

Größe:

100ug, 0.5 mg/ml

Wirt:

Ratte

Isotyp:

IgG2b, kappa

GenBank-Zugangsnummer:

BC051388

GeneID (NCBI):

12505

Vollständiger Name:

CD44 antigen

Reinigungsmethode:

Affinitätsreinigung

CloneNo.:

IM7

Anregungs-/Emissionsmaxima-Wellenlängen:

495 nm / 524 nm

## Anwendungen

Geprüfte Anwendungen:

FC

In Publikationen genannte Anwendungen:

FC

Getestete Reaktivität:

Human, Maus

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
Jiwon Oh	35297179	Small	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.

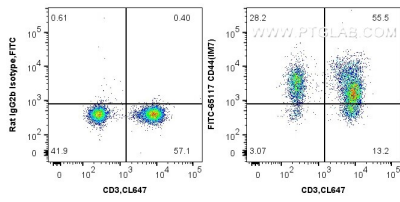
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> mouse splenocytes were surface co-stained with Anti-Mouse CD3 and 0.5 ug FITC Anti-Mouse CD44 (FITC-65117, Clone:IM7) or 0.5 ug Control Antibody. Cells were not fixed.