

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD44

Numéro de catalogue: FITC-65063

3 Publications



## Informations de base

Numéro de catalogue:

FITC-65063

Taille:

100 tests, 5 µl/test

Hôte:

Mouse

Isotype:

IgG2a, kappa

Numéro d'acquisition GenBank:

BC004372

Identification du gène (NCBI):

960

Nom complet:

CD44 molecule (Indian blood group)

MW calculé

742 aa, 82 kDa

Méthode de purification:

Purification par affinité

CloneNo.:

F10-44-2

Excitation/Emission maxima

wavelengths:

495 nm / 524 nm

## Applications

Applications testées:

FC

Demandes citées:

FC, IF

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

## Informations générales

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.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yuan Cao	35696325	ACS Nano	FC
Yanmei Huang	37380044	Free Radic Biol Med	IF
Chen Yuan	36852402	Open Life Sci	FC

## Stockage

Stockage:

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

Tampon de stockage:

PBS with 0.09% sodium azide and 0.5% BSA.

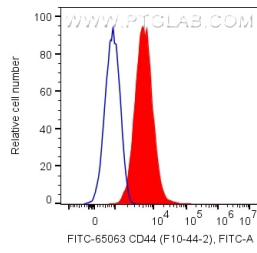
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## Données de validation sélectionnées



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.