

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD44

Numéro de catalogue: PE-65117



## Informations de base

Numéro de catalogue:

PE-65117

Taille:

100ug, 0.2 mg/ml

Hôte:

Rat

Isotype:

IgG2b

Numéro d'acquisition GenBank:

BC051388

Identification du gène (NCBI):

12505

Nom complet:

CD44 antigen

Méthode de purification:

Purification par affinité

CloneNo.:

IM7

Excitation/Emission maxima  
wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Applications testées:

FC

Spécificité de l'espèce:

Humain, souris

## 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.

## Stockage

Stockage:

Stocker à une température comprise entre 2 °C et 8 °C. Éviter toute exposition à la lumière.

Tampon de stockage:

Tampon à base de phosphate avec azoture de sodium à 0,09 % et gélatine à 0,1 %, pH 7,2.

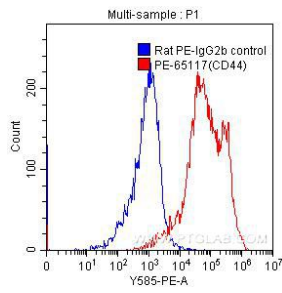
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## Données de validation sélectionnées



$1 \times 10^6$  C57BL/6 mouse splenocytes were surface stained with 0.20  $\mu$ g PE-Anti-Human/Mouse CD44 (PE-65117, clone 1M7) (red) or 0.20  $\mu$ g PE-rat IgG2b isotype control (blue). Cells were not fixed.