

For Research Use Only

Anti-Rat CD44 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98208-1-PBS



Basic Information

Catalog Number:

98208-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

XM_006234631.3

GeneID (NCBI):

25406

UNIPROT ID:

O70509

Full Name:

Cd44 molecule

Calculated MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

241648F8

Applications

Tested Applications:

FC

Species Specificity:

rat

Background Information

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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

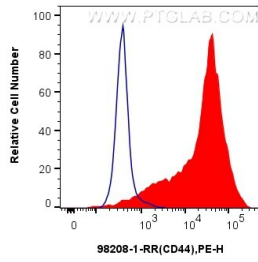
For technical support and original validation data for this product please contact:

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Selected Validation Data



1x10⁶ rat splenocytes were surface stained with 0.25 ug Anti-Rat CD44 Rabbit Recombinant Antibody (98208-1-RR, Clone: 241648F8) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98208-1-PBS in a different storage buffer formulation.