

For Research Use Only

Anti-Rat CD44 Rabbit Recombinant Antibody

Catalog Number: 98208-1-RR



Basic Information

Catalog Number: 98208-1-RR	GenBank Accession Number: XM_006234631.3	Purification Method: Protein A purification
Size: 100ug, 1000 µg/ml	GeneID (NCBI): 25406	CloneNo.: 241648F8
Source: Rabbit	UNIPROT ID: O70509	
Isotype: IgG	Full Name: Cd44 molecule	
	Calculated MW: 40 kDa	

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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide, pH 7.3.

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

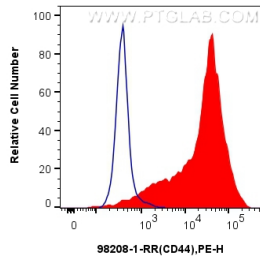
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Selected Validation Data



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.