

For Research Use Only

CD22 Polyclonal antibody

Catalog Number: 30954-1-AP



Basic Information

Catalog Number: 30954-1-AP	GenBank Accession Number: NM_001771.4	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 933	Recommended Dilutions: WB 1:2000-1:10000
Source: Rabbit	Full Name: CD22 molecule	
Isotype: IgG	Calculated MW: 95kd	
	Observed MW: 120-130 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Daudi cells, Raji cells, Ramos cells
Species Specificity: Human	

Background Information

CD22, also known as Siglec-2 (sialic acid binding Ig-like lectin 2) or BL-CAM (B-lymphocyte cell adhesion molecule), is a 130-140 kDa, B-cell restricted, type I transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. The expression of CD22 is developmentally regulated. It is expressed at low levels in the cytoplasm of pro-B and pre-B cells and present on the cell surface only at mature stages of B-cell differentiation. Cell surface expression is lost during terminal differentiation into plasma cell and after B-cell activation. CD22 is an inhibitory receptor for B-cell receptor (BCR) signalling, preferentially binds to alpha-2,6-linked sialic acid and mediates B-cell B-cell interactions. It plays a crucial role in activation and differentiation of the B-cell.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

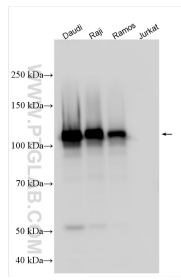
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30954-1-AP (CD22 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.