

For Research Use Only

CD19 Polyclonal antibody

Catalog Number: 27914-1-AP



Basic Information

Catalog Number: 27914-1-AP	GenBank Accession Number: BC006338	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 930	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Source: Rabbit	ENSEMBL Gene ID: ENSG00000177455	
Isotype: IgG	UNIPROT ID: P15391	
Immunogen Catalog Number: AG27404	Full Name: CD19 molecule	
	Calculated MW: 556 aa, 61 kDa	
	Observed MW: 95-100 kDa	

Applications

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

Background Information

CD19 is a B cell-specific molecule that controls B cell activation by complexing with the BCR. CD19 is a member of the Ig superfamily and is the dominant component for the signaling complex on B cells that includes CD21, CD81, and CD22. Humans with CD19 deficiency have reduced proliferative responses to BCR stimulation in vitro and mount impaired Ab responses to vaccination.

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

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

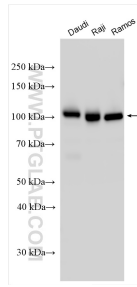
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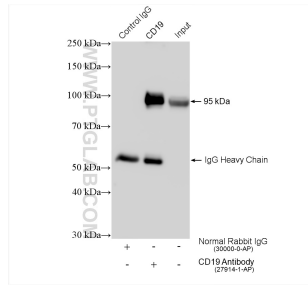
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27914-1-AP (CD19 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-CD19 (IP:27914-1-AP, 4ug; Detection:27914-1-AP 1:3000) with Raji cells lysate 1800 ug.