

For Research Use Only

PTPN22 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85062-2-PBS



Basic Information

Catalog Number: 85062-2-PBS	GenBank Accession Number: BC017785	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 26191	CloneNo.: 242688G1
Source: Rabbit	UNIPROT ID: Q9Y2R2	
Isotype: IgG	Full Name: protein tyrosine phosphatase, non-receptor type 22 (lymphoid)	
Immunogen Catalog Number: AG2397	Calculated MW: 82 kDa, 92 kDa	
	Observed MW: 100-110 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

PTPN22 (Tyrosine-protein phosphatase non-receptor type 22) is also named as LyP, PEP, PTPN8. It belongs to the protein-tyrosine phosphatase family and non-receptor class 4 subfamily. It acts as negative regulator of T-cell receptor (TCR) signaling. Defects in PTPN22 are a cause of susceptibility to systemic lupus erythematosus (SLE). It has some isoforms produced by alternative splicing with calculated molecular mass of 79-92 kDa, and apparent molecular mass of 100-110 kDa.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

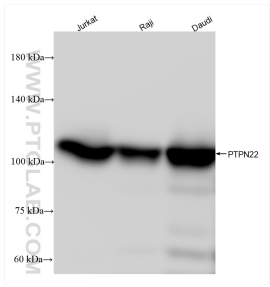
T: 4006900926

E: Proteintech-CN@ptglab.com

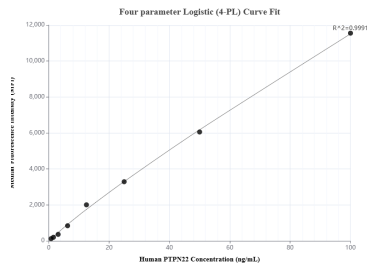
W: ptgcn.com

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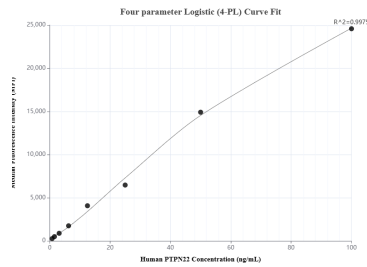
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85062-2-RR (PTPN22 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85062-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01818-2, PTPN22 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85062-2-PBS. Detection antibody: 85062-1-PBS. Standard: Ag2397. Range: 0.781-100 ng/mL



Cytometric bead array standard curve of MP01818-1, PTPN22 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85062-2-PBS. Detection antibody: 85062-3-PBS. Standard: Ag2397. Range: 0.781-100 ng/mL