

For Research Use Only

PTPN22 Recombinant antibody

Catalog Number: 85062-2-RR



Basic Information

Catalog Number:

85062-2-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2397

GenBank Accession Number:

BC017785

GeneID (NCBI):

26191

UNIPROT ID:

Q9Y2R2

Full Name:

protein tyrosine phosphatase, non-receptor type 22 (lymphoid)

Calculated MW:

82 kDa, 92 kDa

Observed MW:

100-110 kDa

Purification Method:

Protein A purification

CloneNo.:

242688G1

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, Raji cells, Daudi cells

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 -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:

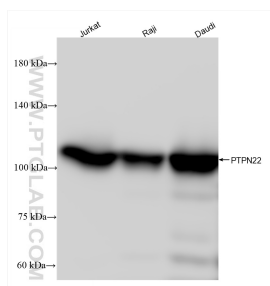
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Selected Validation Data



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.