

For Research Use Only

PTPN22 Polyclonal antibody, PBS Only

Catalog Number: 11783-1-PBS



Basic Information

Catalog Number:

11783-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, 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.

Storage Buffer:

PBS Only

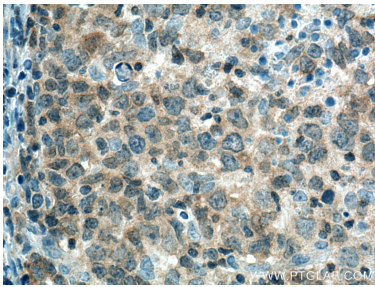
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

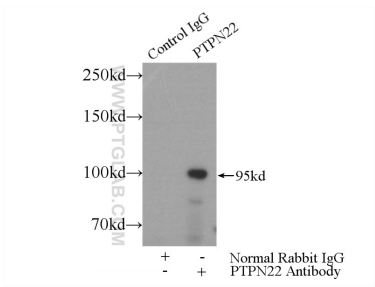
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 11783-1-AP (PTPN22 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11783-1-PBS in a different storage buffer formulation.

Various lysates were subjected to SDS PAGE followed by western blot with 11783-1-AP (PTPN22 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11783-1-PBS in a different storage buffer formulation.



IP result of anti-PTPN22 (IP:11783-1-AP, 4ug; Detection:11783-1-AP 1:300) with Jurkat cells lysate 3080ug. This data was developed using the same antibody clone with 11783-1-PBS in a different storage buffer formulation.