

For Research Use Only

PTPN22 Recombinant antibody

Catalog Number: 85062-4-RR



Basic Information

Catalog Number: 85062-4-RR	GenBank Accession Number: BC017785	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 26191	CloneNo.: 242688A2
Source: Rabbit	UNIPROT ID: Q9Y2R2	Recommended Dilutions: IF/ICC 1:200-1:800
Isotype: IgG	Full Name: protein tyrosine phosphatase, non-receptor type 22 (lymphoid)	
Immunogen Catalog Number: AG2397	Calculated MW: 82 kDa, 92 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra), ELISA	Positive Controls: IF/ICC : Jurkat cells,
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

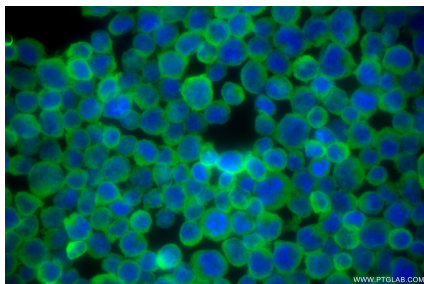
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20° C storage

*** 20ul sizes contain 0.1% BSA

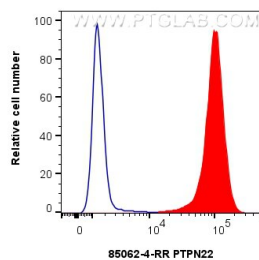
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using PTPN22 antibody (85062-4-RR, Clone: 242688A2) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10⁶ Jurkat cells were intracellularly stained with 0.25 ug PTPN22 Recombinant antibody (85062-4-RR, Clone:242688A2) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).