

For Research Use Only

PTPN22 Recombinant antibody, PBS Only

Catalog Number: 85062-4-PBS



Basic Information

Catalog Number: 85062-4-PBS	GenBank Accession Number: BC017785	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 26191	CloneNo.: 242688A2
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	

Applications

Tested Applications:
IF/ICC, FC (Intra), 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

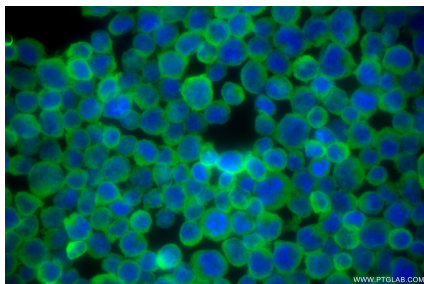
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

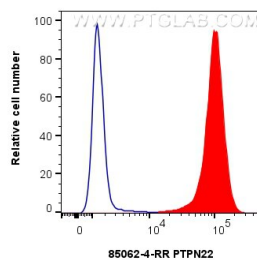
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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). This data was developed using the same antibody clone with 85062-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 85062-4-PBS in a

