

For Research Use Only

CoraLite® Plus 647-conjugated PTPN22 Recombinant monoclonal antibody

Catalog Number:CL647-85062-4



Basic Information

Catalog Number: CL647-85062-4	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: 1:50-1:500
Isotype: IgG	Full Name: protein tyrosine phosphatase, non- receptor type 22 (lymphoid)	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: AG2397	Calculated MW: 82 kDa, 92 kDa	

Applications

Tested Applications: IF/ICC	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.

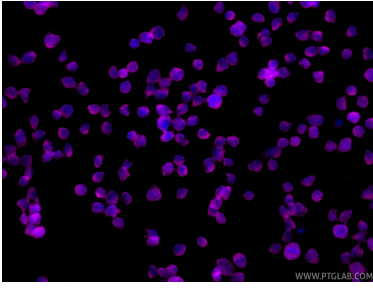
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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 CoraLite® Plus 647 PTPN22 antibody (CL647-85062-4, Clone: 242688A2) at dilution of 1:200.