

For Research Use Only

# CoraLite® Plus 488-conjugated PTPN22 Recombinant antibody

Catalog Number: CL488-85062-4



## Basic Information

<b>Catalog Number:</b> CL488-85062-4	<b>GenBank Accession Number:</b> BC017785	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 26191	<b>CloneNo.:</b> 242688A2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y2R2	<b>Recommended Dilutions:</b> IF/ICC: 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> protein tyrosine phosphatase, non-receptor type 22 (lymphoid)	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG2397	<b>Calculated MW:</b> 82 kDa, 92 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : Jurkat cells,
<b>Species Specificity:</b> 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.

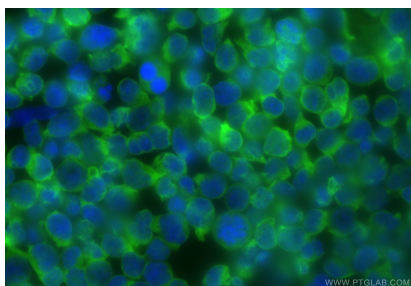
## Storage

**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)  
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W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CoraLite® Plus 488 PTPN22 antibody (CL488-85062-4, Clone: 242688A2 ) at dilution of 1:200.