

For Research Use Only

# CoraLite® Plus 488-conjugated PTPN22 Recombinant antibody

Catalog Number: CL488-85062-4



## Basic Information

Catalog Number:

CL488-85062-4

Concentration:

1000 ug/ml

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

Purification Method:

Protein A purification

CloneNo.:

242688A2

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : Jurkat cells,

## 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: 4006900926

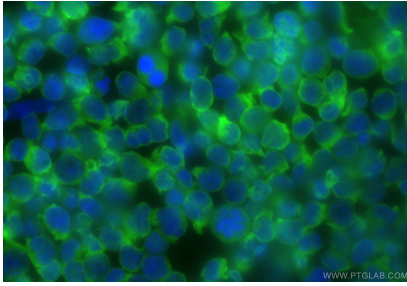
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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.