

For Research Use Only

# CoraLite®594-conjugated PTPN22 Recombinant monoclonal antibody

Catalog Number:CL594-85062-4



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>CL594-85062-4    | <b>GenBank Accession Number:</b><br>BC017785                                       | <b>Purification Method:</b><br>Protein A purification             |
| <b>Source:</b><br>Rabbit                   | <b>GeneID (NCBI):</b><br>26191   | <b>CloneNo.:</b><br>242688A2                                      |
| <b>Isotype:</b><br>IgG                     | <b>UNIPROT ID:</b><br>Q9Y2R2   | <b>Recommended Dilutions:</b><br>IF/ICC: 1:50-1:500               |
| <b>Immunogen Catalog Number:</b><br>AG2397 | <b>Full Name:</b><br>protein tyrosine phosphatase, non-receptor type 22 (lymphoid) | <b>Excitation/Emission maxima wavelengths:</b><br>588 nm / 604 nm |
|  | <b>Calculated MW:</b><br>82 kDa, 92 kDa  |   |

## Applications

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

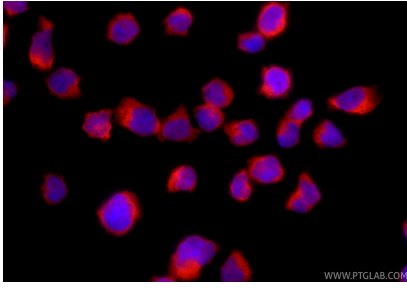
T: 4006900926

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

W: [ptgcn.com](http://ptgcn.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®594 PTPN22 antibody (CL594-85062-4, Clone: 242688A2 ) at dilution of 1:200.