

For Research Use Only

# CoraLite® Plus 488-conjugated Cyclophilin B Monoclonal antibody



Catalog Number: CL488-66047

Featured Product

## Basic Information

Catalog Number:

CL488-66047

Size:

2000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG17957

GenBank Accession Number:

BC032138

GeneID (NCBI):

5479

UNIPROT ID:

P23284

Full Name:

peptidylprolyl isomerase B  
(cyclophilin B)

Calculated MW:

216 aa, 24 kDa

Observed MW:

19-24 kDa

Purification Method:

Protein A purification

CloneNo.:

8H4F1

Recommended Dilutions:

WB 1:500-1:1000

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

WB

Species Specificity:

human, mouse

Positive Controls:

WB : Jurkat cells, HeLa cells

## Background Information

PPIB, also named as CYPB, SCYLP, PPIase B and CYP-51, belongs to the cyclophilin-type PPIase family and PPIase B subfamily. PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. PPIB is secreted in biological fluids such as blood or milk and binds to a specific receptor present on the human lymphoblastic cell line Jurkat and on human peripheral blood lymphocytes. The full-length of PPIB has 216aa (24 kDa), and a 33aa-signal peptide could be removed in the mature form (about 19 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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

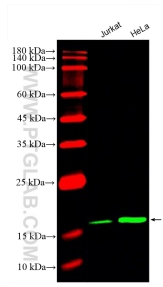
T: 4006900926

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



Various lysates were subjected to SDS PAGE followed by western blot with CL488-66047 (Cyclophilin B antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.