

For Research Use Only

Cyclophilin B Recombinant monoclonal antibody

Catalog Number: 86744-1-RR



Basic Information

Catalog Number:

86744-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2161

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.:

251476F7

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: NIH/3T3 cells, Jurkat cells, Raji cells, mouse liver tissue, rat liver tissue

Background Information

Cyclophilin B (CYPB), also named as PPIB, SCYLP, PPIase B and CYP-S1, 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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

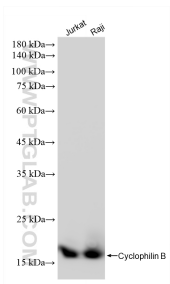
T: 4006900926

E: Proteintech-CN@ptglab.com

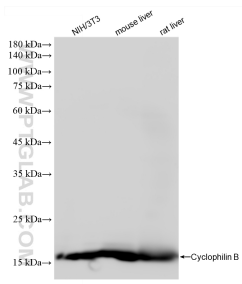
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86744-1-RR (Cyclophilin B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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