

For Research Use Only

Cyclophilin B Recombinant monoclonal antibody

Catalog Number: 86744-1-RR



Basic Information

Catalog Number:

86744-1-RR

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

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

*** 20ul sizes contain 0.1% BSA

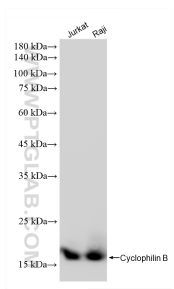
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

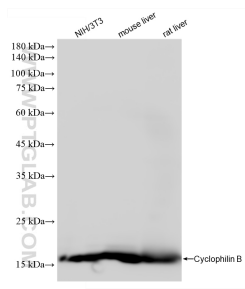
E: proteintech@ptglab.com
W: ptglab.com

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 86744-1-RR (Cyclophilin B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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