

For Research Use Only

Cyclophilin B Recombinant monoclonal antibody, PBS Only

Catalog Number: 86744-1-PBS



Basic Information

Catalog Number:

86744-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS only, pH7.3

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

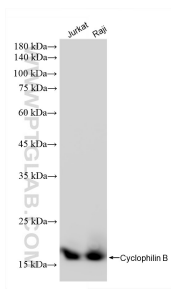
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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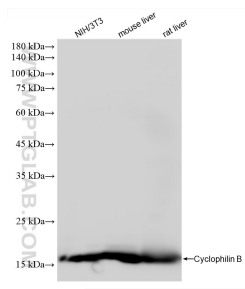
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Selected Validation Data



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. This data was developed using the same antibody clone with 86744-1-PBS in a different storage buffer formulation.



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