

For Research Use Only

ND4 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85098-1-PBS



Basic Information

Catalog Number:

85098-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

YP_003024035

GeneID (NCBI):

4538

UNIPROT ID:

P03905

Full Name:

NADH dehydrogenase, subunit 4 (complex I)

Calculated MW:

52 kDa

Observed MW:

43-52 kDa

Purification Method:

Protein A purification

CloneNo.:

242422E2

Applications

Tested Applications:

WB, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

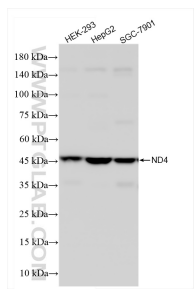
T: 4006900926

E: Proteintech-CN@ptglab.com

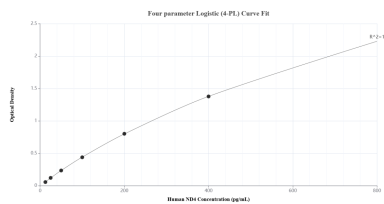
W: ptgcn.com

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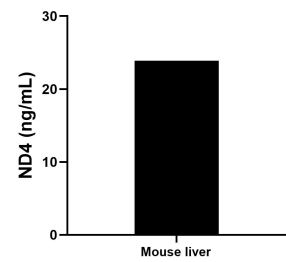
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85098-1-RR (ND4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85098-1-PBS in a different storage buffer formulation.



Sandwich ELISA standard curve of MP02094-1, Human ND4 Recombinant Matched Antibody Pair - PBS only. 85098-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY01674. 85098-2-PBS was HRP conjugated as the detection antibody. Range: 12.5-800 pg/mL.



The mean ND4 concentration was determined to be 23.9 ng/mL in mouse liver tissue extract based on a 3.7 mg/mL extract load.