

For Research Use Only

MDH1 Recombinant antibody

Catalog Number:84576-4-RR



Basic Information

Catalog Number:

84576-4-RR

Size:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8744

GenBank Accession Number:

BC001484

GeneID (NCBI):

4190

UNIPROT ID:

P40925

Full Name:

malate dehydrogenase 1, NAD (soluble)

Calculated MW:

334 aa, 36 kDa

Observed MW:

35-37 kDa

Purification Method:

Protein A purification

CloneNo.:

241887A1

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HepG2 cells, HL-60 cells, mouse liver tissue, rat liver tissue, mouse kidney tissue, human kidney tissue

Background Information

MDH1 (Malate dehydrogenase, cytoplasmic) is also named as MDHA and belongs to the LDH/MDH superfamily and MDH type 2 family which catalyzes the reversible oxidation of malate to oxaloacetate, utilizing the NAD/NADH cofactor system in the citric acid cycle. It can exist as a dimer and the dimeric MDH1 is the mitochondrial isoenzyme, whereas the tetrameric MDH2 is the glycosomal isoenzyme.(PMID:10693743)

Storage

Storage:

Store at -20°C . Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

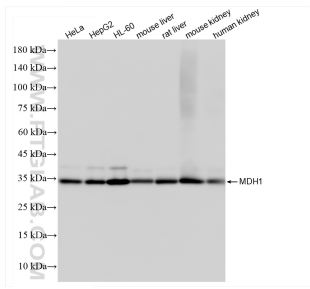
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 84576-4-RR (MDH1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.