

For Research Use Only

PDHB Monoclonal antibody, PBS Only

Catalog Number: 68238-1-PBS



Basic Information

Catalog Number:

68238-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6857

GenBank Accession Number:

BC000439

GeneID (NCBI):

5162

UNIPROT ID:

P11177

Full Name:

pyruvate dehydrogenase (lipoamide)
beta

Calculated MW:

39 kDa

Observed MW:

34 kDa

Purification Method:

Protein G purification

CloneNo.:

2A7C10

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat, pig, rabbit

Background Information

PDHB (Pyruvate dehydrogenase E1 component subunit beta, mitochondrial) is also named PHE1B. The enzyme, which is found in mitochondria, is one of the component enzymes of the pyruvate dehydrogenase multienzyme complex (PDH). It catalyzes the first reaction of an oxidative decarboxylation sequence converting pyruvate to acetyl-CoA and CO₂ (PMID:3422424). Defects in PDHB are the cause of pyruvate dehydrogenase E1-beta deficiency (PDHBD) (PMID:15138885).

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

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

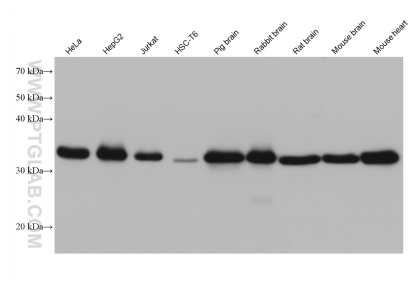
T: 4006900926

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 68238-1-Ig (PDHB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68238-1-PBS in a different storage buffer formulation.

