

Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody Catalog # ABO14601

Specification

Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody - Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	P11177
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody - Additional Information

Gene ID 5162

Other Names

Pyruvate dehydrogenase E1 component subunit beta, mitochondrial, PDHE1-B, 1.2.4.1, PDHB, PHE1B

Application Details

WB 1:1000-1:5000
IHC 1:50-1:200
ICC/IF 1:50-1:200
IP 1:50
FC 1:50

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Pyruvate Dehydrogenase E1 beta subunit The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO (2). It contains multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3).

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody - Protein Information

Name PDHB

Synonyms PHE1B

Function

The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO₂, and thereby links the glycolytic pathway to the tricarboxylic cycle.

Cellular Location

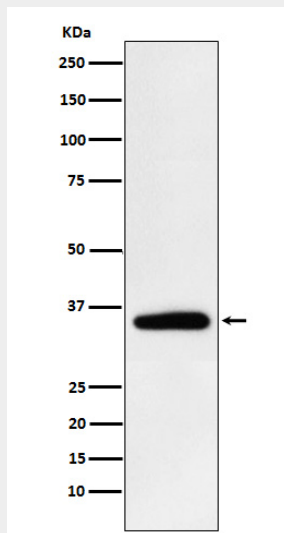
Mitochondrion matrix.

Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Pyruvate Dehydrogenase E1 beta subunit PDHB Monoclonal Antibody - Images



Western blot analysis of Pyruvate Dehydrogenase E1 beta subunit expression in HeLa cell lysate.