

**Pyruvate Dehydrogenase E1 alpha monoclonal antibody**

Catalog: MB12338

Host: Mouse

Reactivity: Human, Mouse, Monkey, Rat

BackGround:

The PDH complex is composed of multiple copies of three enzymatic components: pyruvate dehydrogenase (E1), dihydrolipoamide acetyltransferase (E2) and lipoamide dehydrogenase (E3). Catalyzes the removal of CO₂ from pyruvate. Mutations in the α subunits of pyruvate dehydrogenase (E1) lead to congenital defects that are usually associated with lactic acidosis, neurodegeneration and early death.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 43 kDa; Observed MW: 43 kDa

Swiss-Prot:

P08559

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IF: 1/50-1/200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG1

DATA:

Western blot analysis of pyruvate dehydrogenase α 1 in COS7, Jurkat, C6, 3T3 and Hela lysates using pyruvate dehydrogenase α 1 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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