

Pyruvate Dehydrogenase E1 alpha monoclonal antibody

Catalog: MB11488

Host: Rabbit

Reactivity: Human, Mouse, 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:

50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

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 IP: 1/20

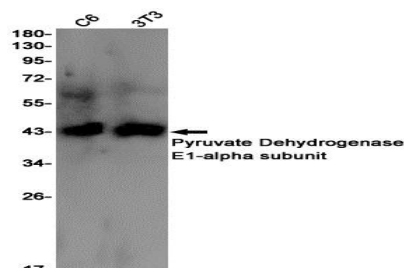
Storage&Stability:

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

Isotype:

IgG

DATA:



Western blot analysis of Pyruvate Dehydrogenase E1 alpha subunit in C6, 3T3 lysates using Pyruvate Dehydrogenase E1 alpha antibody.

Immunocytochemistry analysis of Pyruvate Dehydrogenase E1 alpha subunit in Hela using Pyruvate Dehydrogenase E1 alpha subunit antibody, and DAPI

Note:

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

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