

Pyruvate Dehydrogenase E1 alpha Mouse mAb

db6652

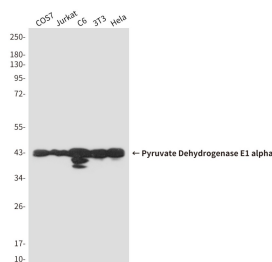
Package : 50µL 100µL

Product Name : Pyruvate Dehydrogenase E1 alpha Mouse mAb**Cat.No.:** db6652**Synonyms** : PDHA;PHE1A;PDHCE1A**Application** : WB, ICC/IF**Reactivity** : Human, Mouse, Rat, Monkey**Host species** : Mouse

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 CO ₂ 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.
Immunogen	Purified recombinant human Pyruvate Dehydrogenase protein fragments expressed in E.coli
Gene ID	5160
Swiss Prot	P08559
Synonyms	PDHA;PHE1A;PDHCE1A
Reactivity	Human, Mouse, Rat, Monkey
Application	WB, ICC/IF
Recommended dilution	WB: 1:500-1:1000 ICC/IF: 1:50-1:200
Calculated MW	43 kDa
Observed MW	43 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	3H2-F8-B5
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated

Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .
Stable for 12 months from date of receipt.



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