

产品名称: Pyruvate Dehydrogenase E1 alpha (3H2) Mouse
Monoclonal Antibody
产品货号: AMM03428



产品概述 (Summary)

产品名称 (Production Name)	Pyruvate Dehydrogenase E1 alpha (3H2) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB, ICC/IF
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PDHA1 mitochondrial; ODP4_HUMAN; PDH; PDHA; PDHA1; PDHCE1A; PDHE1 A type I; PDHE1-A type I; PHE1A; Pyruvate Dehydrogenase (lipoamide) alpha 1; Pyruvate dehydrogenase complex; E1 alpha polypeptide 1; Pyruvate Dehydrogenase E1 alpha; Pyruvate dehydrogenase E1 component subunit alpha; Pyruvate dehydrogenase E1 component subunit alpha; somatic form; mitochondrial; somatic form.
别名 (Alternative Names)	
基因 ID (Gene ID)	5160
蛋白 ID (SwissProt ID)	P08559.

产品应用 (Application)

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稀释比 (Dilution Ratio)

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

蛋白分子量 (Molecular Weight)

Calculated MW: 43 kDa; Observed MW: 43 kDa

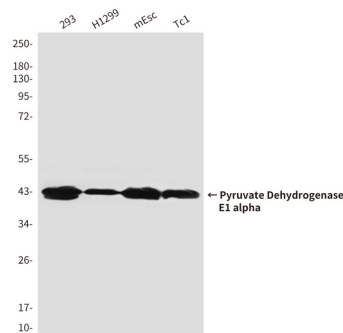
研究背景 (Background)

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.

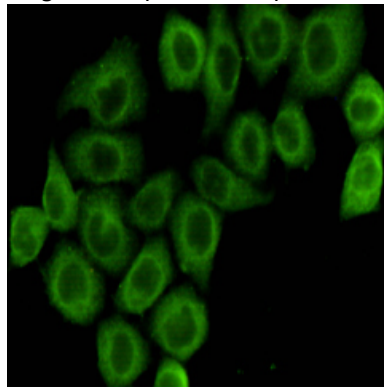
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot analysis of pyruvate dehydrogenase (lipoamide) alpha 1 in 293, 1299, mEsc and Tc1 lysates using pyruvate dehydrogenase (lipoamide) alpha 1 antibody.



Immunocytochemistry analysis of Pyruvate Dehydrogenase E1 alpha (3H2) in HeLa using pyruvate dehydrogenase (lipoamide) alpha 1 antibody.

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注意事项 (Note)

For research use only .