

Anti-Pyruvate Dehydrogenase E1- α subunit Antibody (3H2-F8-B5)

Mouse Monoclonal Antibody
Catalog # ABV12054

Product Information

Application	WB, IF
Primary Accession	P08559
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	3H2-F8-B5
Calculated MW	43296

Additional Information

Gene ID	5160
Application & Usage Other Names	WB: 293, 1299, mEsc and Tc1 cell lysates; IF: HeLa cells Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial, PDHE1-A type I, PDHA1, PHE1A
Target/Specificity	Pyruvate dehydrogenase E1 component subunit alpha
Antibody Form	Liquid
Appearance	Colorless liquid
Formulation	In buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Handling	The antibody solution should be gently mixed before use.
Reconstitution & Storage	-20 °C
Background Descriptions Precautions	Anti-Pyruvate Dehydrogenase E1- α subunit Antibody (3H2-F8-B5) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

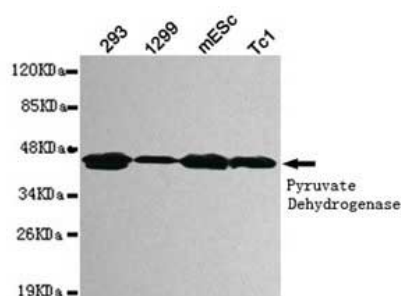
Name	PDHA1
Synonyms	PHE1A

Function	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO ₂ , and thereby links the glycolytic pathway to the tricarboxylic cycle.
Cellular Location	Mitochondrion matrix.
Tissue Location	Ubiquitous.

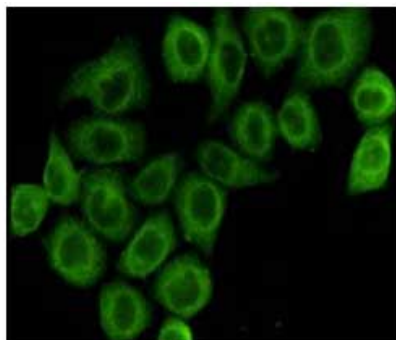
Background

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

Images



Western blot detection of pyruvate dehydrogenase (lipoamide) alpha 1 in 293, 1299, mEsc and Tc1 cell lysates using pyruvate dehydrogenase (lipoamide) alpha 1 mouse mAb



Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using anti-pyruvate dehydrogenase (lipoamide) alpha 1 mouse mAb

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.