



PDK4 mouse mAb

Catalog No	YP-mAb-10306
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PDK4 PDHK4
Immunogen	Synthesized peptide derived from human PDK4 AA range: 34-84
Specificity	This antibody detects endogenous levels of PDK4 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 4;mitochondrial; EC:2.7.11.2;PDHK4;PDK4;PDK4 PDHK4;[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 4;mitochondrial (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 4); mitochondrial (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 4)
Observed Band	46kD
Calculated Molecular Weight	46kD
Cell Pathway	Mitochondrion matrix.
Tissue Specificity	Ubiquitous; highest levels of expression in heart and skeletal muscle.
Function	
Background	Pyruvate dehydrogenase kinase isoform4 (PDK4) is also named as PDHK4 and belongs to the PDK/BCKDK protein kinase family. It is upregulated by starvation in many tissues of the body during starvation. This causes inactivation of the pyruvate dehydrogenase complex which blocks pyruvate oxidation and conserves lactate and alanine for gluconeogenesis.

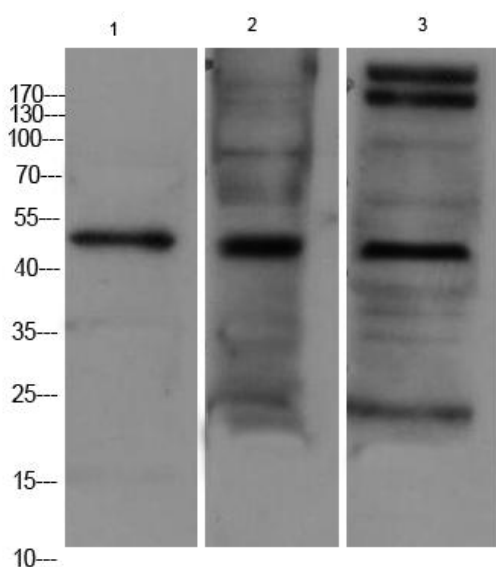
**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PDK4 mouse mAb