



Anti-PDK2 monoclonal antibody, clone FQS2059Z (DCABH-9436)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to PDK2
Antigen Description	Inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
Immunogen	A synthetic peptide corresponding to residues near the C-terminus of Human PDK2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQS2059Z
Conjugate	Unconjugated
Applications	WB, IP, IHC-P, ICC, Flow Cyt
Positive Control	Human heart tissue lysate, mouse heart tissue lysate, rat tissue lysate and human muscle tissue sections.
Format	Liquid
Size	100 µl
Buffer	pH: 7.40; Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	PDK2 pyruvate dehydrogenase kinase, isozyme 2 [Homo sapiens]
Official Symbol	PDK2
Synonyms	PDK2; pyruvate dehydrogenase kinase, isozyme 2; pyruvate dehydrogenase kinase, isoenzyme 2; PDHK2; pyruvate dehydrogenase, lipoamide, kinase isozyme 2, mitochondrial;
Entrez Gene ID	5164
Protein Refseq	NP_001186827
UniProt ID	Q15119
Chromosome Location	17q21.33
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Metabolism, organism-specific biosystem; Pyruvate metabolism, organism-specific biosystem; Pyruvate metabolism and Citric Acid (TCA) cycle, organism-specific biosystem; Regulation of pyruvate dehydrogenase (PDH) complex, organism-specific biosystem; TCA Cycle, organism-specific biosystem; The citric acid (TCA) cycle and respiratory electron transport, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein kinase activity; pyruvate dehydrogenase (acetyl-transferring) kinase activity; transferase activity; two-component sensor activity;