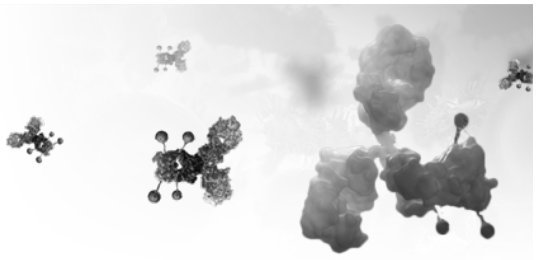

Anti-PDK1 monoclonal antibody, clone 4I6CF23 (DCABH-459)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to pan PDK
Antigen Description	Inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
Immunogen	Recombinant full length protein
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	4I6CF23
Purification	Near homogeneity as judged by SDS-PAGE. The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.
Conjugate	Unconjugated
Applications	IHC-P, WB
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.02% Sodium azide; Constituent: HBS
Preservative	0.02% Sodium Azide
Storage	Store at +4°C.

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GENE INFORMATION

Gene Name	PDK1 pyruvate dehydrogenase kinase, isozyme 1 [Homo sapiens]
Official Symbol	PDK1
Synonyms	PDK1; pyruvate dehydrogenase kinase, isozyme 1; pyruvate dehydrogenase kinase, isoenzyme 1; mitochondrial pyruvate dehydrogenase, lipoamide, kinase isoenzyme 1;
Entrez Gene ID	5163
Protein Refseq	NP_002601
UniProt ID	Q15118
Chromosome Location	2q31.1
Pathway	EPO Receptor Signaling, organism-specific biosystem; ErbB signaling pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, conserved biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem; Metabolism, organism-specific biosystem;
Function	ATP binding; nucleotide binding; protein complex binding; protein heterodimerization activity; protein homodimerization activity; protein kinase activity; pyruvate dehydrogenase (acetyl-transferring) kinase activity; transferase activity; two-component se

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