

Product datasheet for **AM31057PU-N**

PDK2 Mouse Monoclonal Antibody [Clone ID: 2G1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2G1
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	PDK2 antibody was raised against recombinant protein
Specificity:	This antibody reacts to PDK2.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	pyruvate dehydrogenase kinase 2
Database Link:	Entrez Gene 5164 Human Q15119



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Background:

PDK2 belongs to the PDK/BCKDK protein kinase subfamily. PDK2 contributes to the regulation of glucose metabolism by inhibiting the mitochondrial pyruvate dehydrogenase complex by phosphorylating the E1 alpha subunit. PDK2 corresponds to a possibly free or soluble form of pyruvate dehydrogenase kinase that was originally named kinase activator protein.

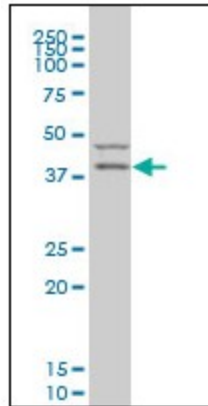
Synonyms:

Pyruvate dehydrogenase kinase isoform 2

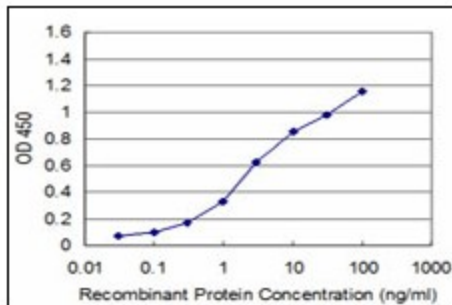
Protein Families:

Druggable Genome, Protein Kinase

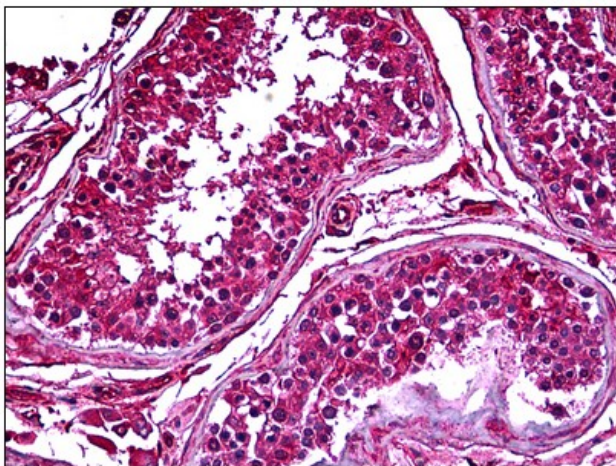
Product images:



PDK2 monoclonal antibody clone 2G1 Western Blot analysis of PDK2 expression in U-2 OS.



Detection limit for recombinant GST tagged PDK2 is approximately 0.3ng/ml as a capture antibody.



Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)