
Product Name: PDK2 Mouse Monoclonal Antibody**Catalog #: AMM81397**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	46.2kDa

Antigen Information

Gene Name	PDK2
Alternative Names	PDHK2; PDKII
Gene ID	5164.0
SwissProt ID	Q15119
Immunogen	Purified recombinant fragment of human PDK2 (AA: 178-404) expressed in E. Coli.

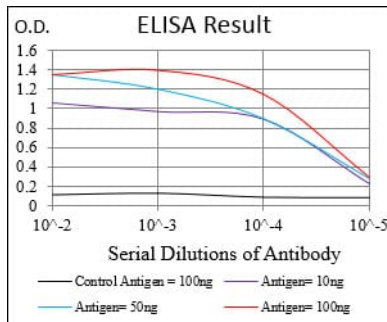
Background

This gene encodes a member of the pyruvate dehydrogenase kinase family. The encoded protein phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of this gene may play a role in both cancer and diabetes. Alternatively spliced transcript variants encoding multiple isoforms have

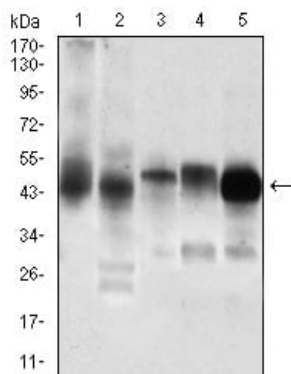
been observed for this gene.

Research Area

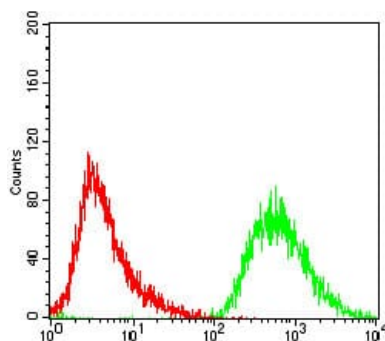
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using PDK2 mouse mAb against Jurkat (1), C6 (2), Cos7 (3), K562 (4), A431 (5) cell lysate.



Flow cytometric analysis of A431 cells using PDK2 mouse mAb (green) and negative control (red).