
Product Name: PDK2 Mouse Monoclonal Antibody**Catalog #: AMM81352**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ICC,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	IHC 1:200-1:1000,ICC 1:200-1:1000,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.

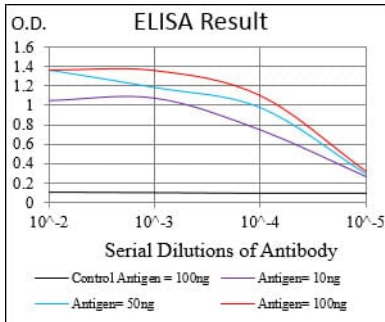
Background

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

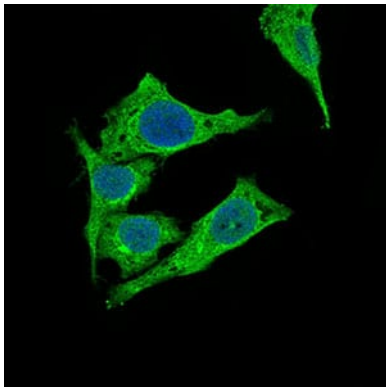
been observed for this gene.

Research Area

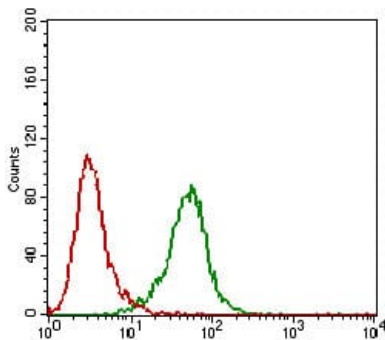
Image Data



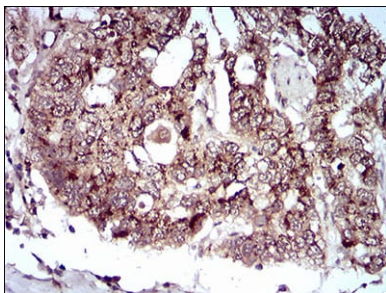
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunofluorescence analysis of HeLa cells using PDK2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



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



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using PDK2 mouse mAb with DAB staining.