

# IHC*easy* PDK2 Ready-To-Use IHC Kit

Catalog Number: **KHC2479**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
Human  
Cited Reactivity:

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Rabbit Polyclonal  
Secondary antibody type:  
Polymer-HRP-Goat anti-Rabbit

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

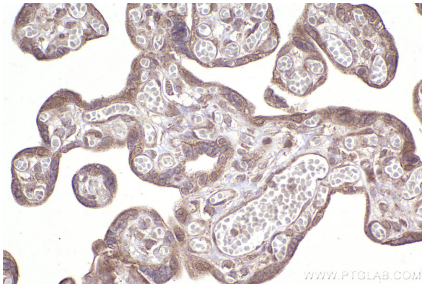
## Background

PDK2([Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial) is also named as PDHK2 and belongs to the PDK/BCKDK protein kinase family. PDK2 plays a key role in the regulation of glucose and fatty acid metabolism and homeostasis via phosphorylation of the pyruvate dehydrogenase subunits PDHA1 and PDHA2. PDK2 is also involved in the regulation of cell proliferation and in resistance to apoptosis under oxidative stress.

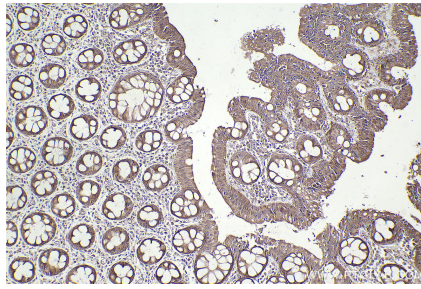
## Synonyms

PDK2,[Pyruvate dehydrogenase (acetyl-transferring)]

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2479 (PDK2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissue slide using KHC2479 (PDK2 IHC Kit).