

# IHC*easy* TK1 Ready-To-Use IHC Kit

Catalog Number: **KHC0765**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
Human, Mouse, Rat  
Cited Reactivity:

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Mouse Monoclonal  
Secondary antibody type:  
Polymer-HRP-Goat anti-Mouse

## 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.

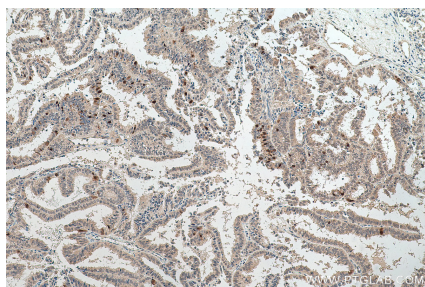
## Background

TK1(Thymidine kinase, cytosolic) belongs to the thymidine kinase family and is a regulatory enzyme that can interchange between its dimeric and tetrameric forms, which have low and high catalytic efficiencies, respectively. TK1 is involved in DNA synthesis and an important proliferation marker.

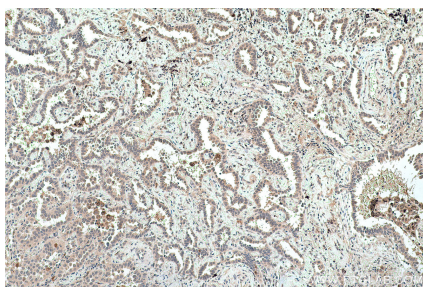
## Synonyms

TK2, Tk1b, Tk1a, TK 2, TK 1

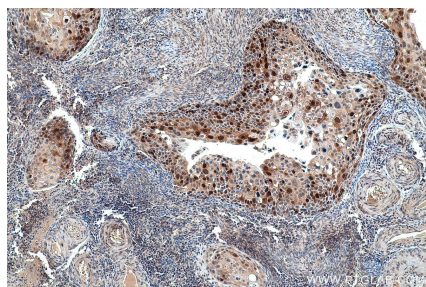
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC0765 (TK1 IHC Kit).



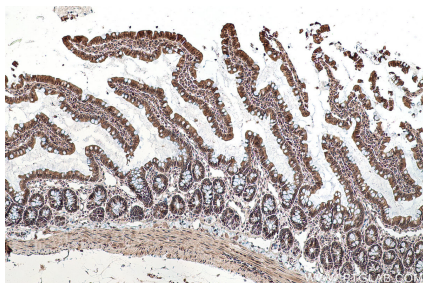
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0765 (TK1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC0765 (TK1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC0765 (TK1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat intestine tissue slide using KHC0765 (TK1 IHC Kit).