

# IHC*easy* GSTK1 Ready-To-Use IHC Kit

Catalog Number: **KHC0788**

## General Information

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

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Rabbit Recombinant  
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.

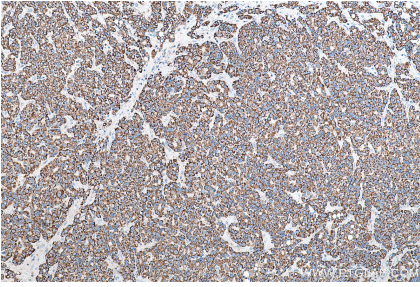
## Background

GSTK1, glutathione S-transferase kappa 1, belongs to the superfamily of glutathione S-transferase (GST), which is related to oxidative stress. GSTK1 expression is negatively correlated with obesity and hypertrophic cardiomyopathy. GSTK1 was expressed in the peroxisomal and mitochondrial fractions and localized to peroxisomes.

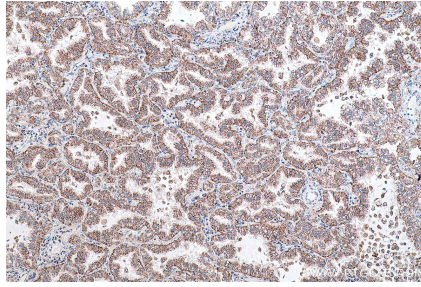
## Synonyms

GST, GST 13 13, GST class kappa, GST13, GST13 13, GSTK1, GSTK1 1, hGSTK1

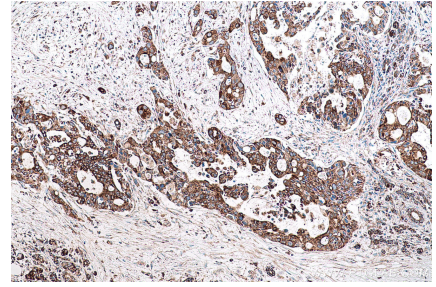
## Selected Validation Data



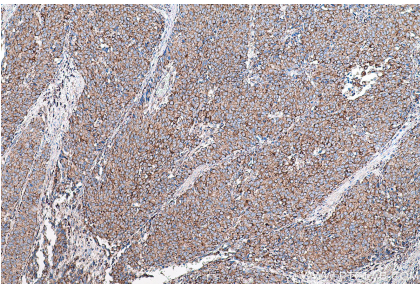
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0788 (GSTK1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0788 (GSTK1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC0788 (GSTK1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0788 (GSTK1 IHC Kit).