

# IHC*easy* Cathepsin B Ready-To-Use IHC Kit

Catalog Number: **KHC0373**

## 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

CTSB(Cathepsin B) is also named as CPSB and belongs to the peptidase C1 family. It participates in intracellular degradation and turnover of proteins. Cathepsin B precursors found in human malignant ascites fluid do not possess mannose-rich carbohydrates suggesting that a defect in the post translational processing of carbohydrate moieties on tumor. Cathepsin B exists as both glycosylated and unglycosylated forms.

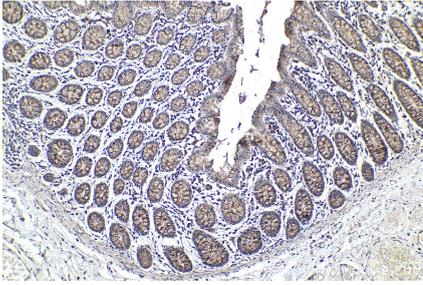
## Synonyms

APP secretase, APPS, cathepsin B, Cathepsin B1, CPSB, CTSB

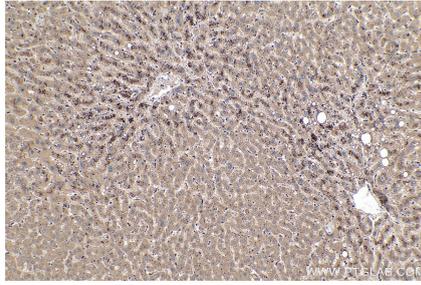
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

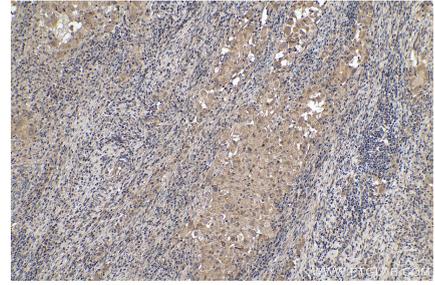
## Selected Validation Data



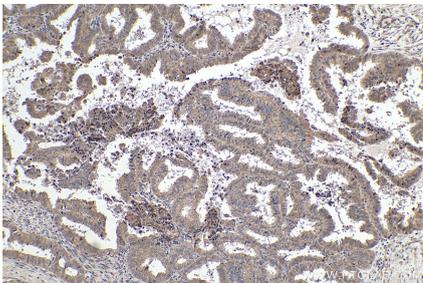
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC0373 (Cathepsin B IHC Kit).



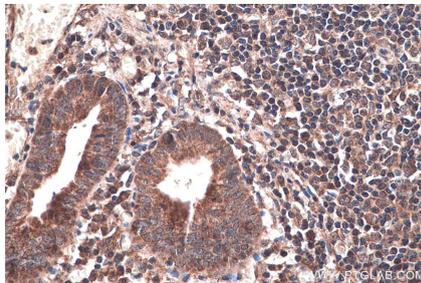
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0373 (Cathepsin B IHC Kit).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC0373 (Cathepsin B IHC Kit).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC0373 (Cathepsin B IHC Kit).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC0373 (Cathepsin B IHC Kit).