

#### For Research Use Only

# IHCeasy Cathepsin D Ready-To-Use IHC Kit

### Catalog Number: KHC0591

#### **General Information**

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

Assay typ 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 Сору	
Manual	1 Сору	

### **Storage Instructions**

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

Background

CTSD (Cathepsin D) is also named as CPSD, belongs to the peptidase A1 family. It is ubiquitously expressed and is involved in proteolytic degradation, cell invasion, and apoptosis. It is a lysosomal acid protease found in neutrophils and monocytes and involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease.

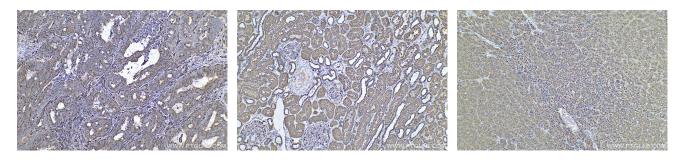
#### **Synonyms**

cathepsin D, CLN10, CPSD, CTSD

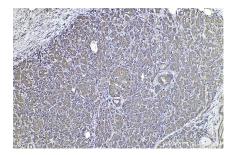
For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll E: proteintech@ptglab.com free in USA), or 1(312) 455-8498 (outside W: ptglab.com USA)

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 paraffinembedded human colon cancer tissue slide using KHC0591 (Cathepsin D IHC Kit). Immunohistochemical analysis of paraffinembedded human kidney tissue slide using KHC0591 (Cathepsin D IHC Kit). Immunohistochemical analysis of paraffinembedded human liver cancer tissue slide using KHC0591 (Cathepsin D IHC Kit).



Immunohistochemical analysis of paraffinembedded human pancreas cancer tissue slide using KHC0591 (Cathepsin D IHC Kit).