

For Research Use Only

IHCeasy CDK3 Ready-To-Use IHC Kit

Catalog Number: KHC1187

General Information

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

Assay typ 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 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

CDK3 belongs to the protein kinase superfamily, CMGC Ser/Thr protein kinase family and CDC2/CDKX subfamily. It is probably involved in the control of the cell cycle. CDK3 interacts with a yet unknown type of cyclin. It can phosphorylate histone H1. Endogenous Cyclin C/Cdk3 complexes are critical to promote exit from quiescence in an Rb-dependent manner. Cyclin C/Cdk3 complexes is a key regulators of cell cycle reentry in human cells.

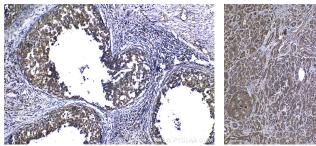
Synonyms

CDK3, Cell division protein kinase 3, cyclin dependent kinase 3

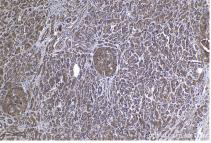
For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll E: proteintech@ptglab.com free in USA), or 1(312) 455-8498 (outside W: ptglab.com USA)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

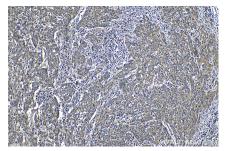
Selected Validation Data



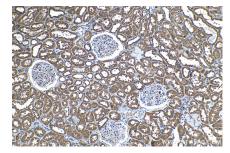
Immunohistochemical analysis of paraffinembedded human breast cancer tissue slide using KHC1187 (CDK3 IHC Kit).



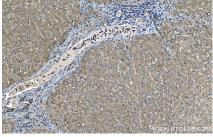
Immunohistochemical analysis of paraffinembedded human pancreas cancer tissue slide using KHC1187 (CDK3 IHC Kit).



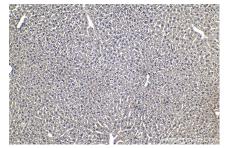
Immunohistochemical analysis of paraffinembedded human cervical cancer tissue slide using KHC1187 (CDK3 IHC Kit).



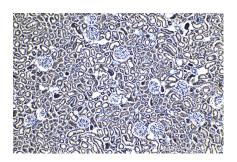
Immunohistochemical analysis of paraffinembedded human kidney tissue slide using KHC1187 (CDK3 IHC Kit).



Immunohistochemical analysis of paraffinembedded human liver tissue slide using KHC1187 (CDK3 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse liver tissue slide using KHC1187 (CDK3 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat kidney tissue slide using KHC1187 (CDK3 IHC Kit).