

IHC*easy* PLK4 Ready-To-Use IHC Kit

Catalog Number: **KHC1222**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

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.

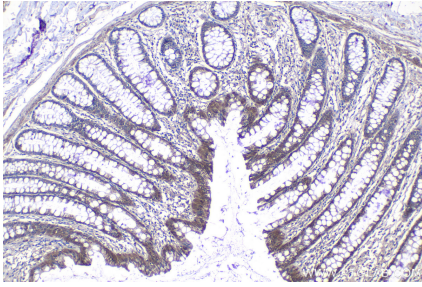
Background

PLK4 (Polo-like kinase 4) is also named SAK, STK18 and belongs to the Ser/Thr protein kinase family. It plays a central role in centriole duplication and is a kinase implicated in tumor development, which is an upstream regulator of canonical biogenesis necessary for centriole formation.

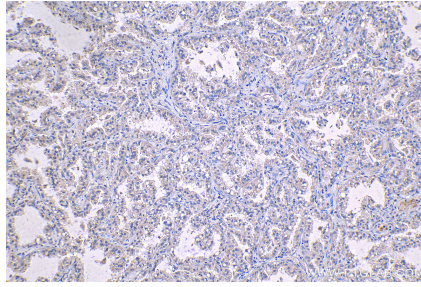
Synonyms

PLK 4, PLK4, Polo like kinase 4, SAK, STK18

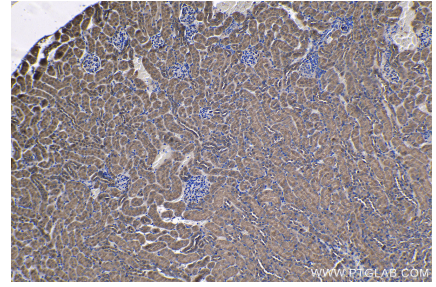
Selected Validation Data



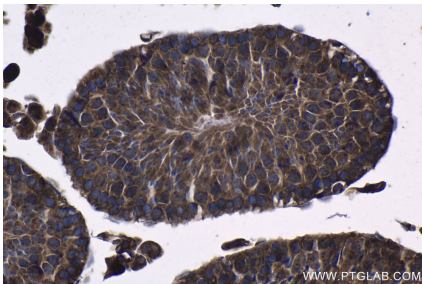
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC1222 (PLK4 IHC Kit).



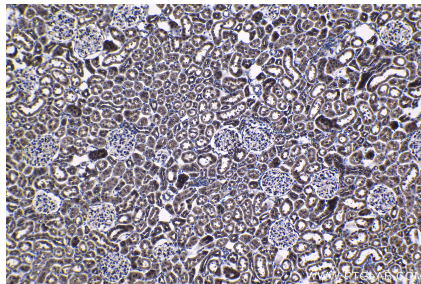
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1222 (PLK4 IHC Kit).



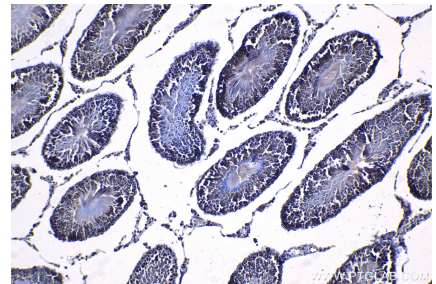
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1222 (PLK4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1222 (PLK4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC1222 (PLK4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1222 (PLK4 IHC Kit).