

IHC*easy* KRT18 Ready-To-Use IHC Kit

Catalog Number: **KHC0032**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human

Cited Reactivity:

Assay type:
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 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.

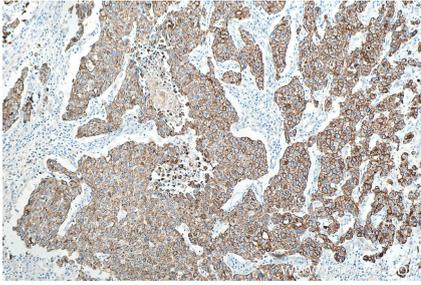
Background

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. KRT18, also named as CYK18, PIG46 and K18, is the most commonly found members of the intermediate filament gene family. KRT18 is a type I keratin which is found primarily in non squamous epithelia and is present in a majority of adenocarcinomas and ductal carcinomas but not in squamous cell carcinomas.

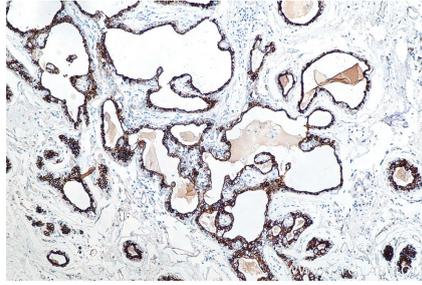
Synonyms

CK 18, CK18, CYK18, Cytokeratin 18, K18, keratin 18, KRT18

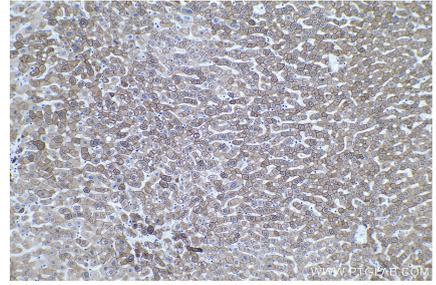
Selected Validation Data



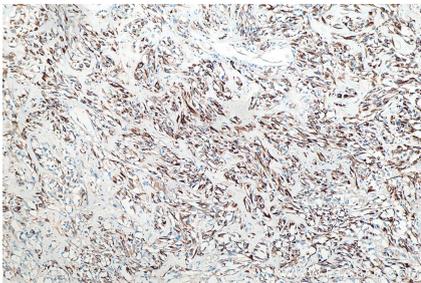
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using KHC0032 (Cytokeratin 18 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using KHC0032 (Cytokeratin 18 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0032 (KRT18 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using KHC0032 (Cytokeratin 18 IHC Kit).