

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

Catalog Number: **KHC1875**

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.

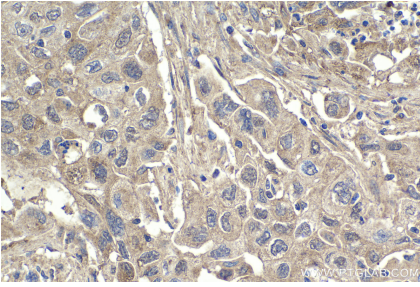
Background

ITCH is an essential component of a ubiquitin-editing protein complex, comprising also TNFAIP3, TAX1BP1 and RNF11, that ensures the transient nature of inflammatory signaling pathways. It is involved in the regulation of apoptosis and reactive oxygen species levels through the ubiquitination and proteasomal degradation of TXNIP.

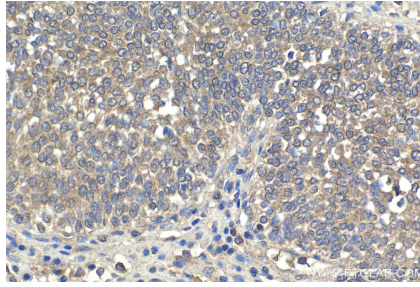
Synonyms

AIF4, AIP4, ITCH, NAPP1, NFE2 associated polypeptide 1

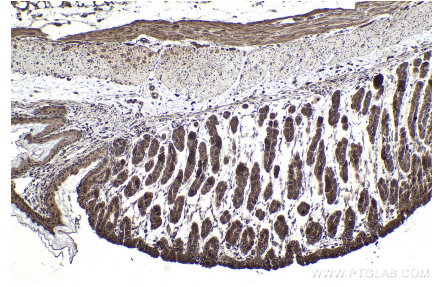
Selected Validation Data



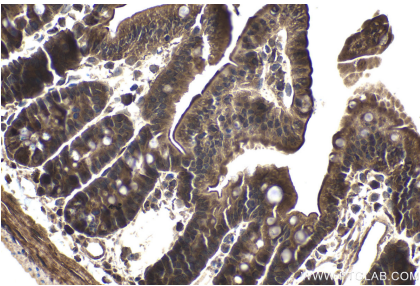
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1875 (ITCH IHC Kit).



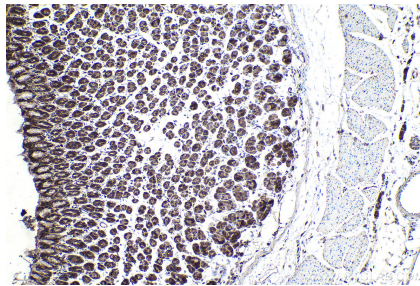
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1875 (ITCH IHC Kit).



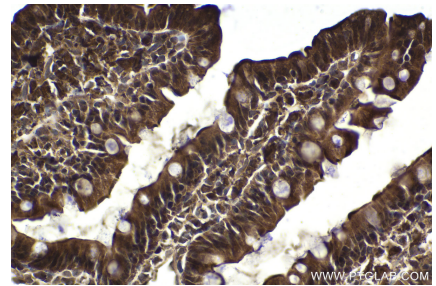
Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC1875 (ITCH IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1875 (ITCH IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC1875 (ITCH IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1875 (ITCH IHC Kit).