

# IHCeasy<sup>®</sup> SMU1 Ready-To-Use IHC Kit

Catalog Number: **KHC1313**

## 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.

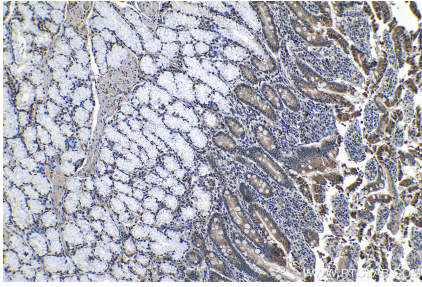
## Background

Sum1, belongs to the WD repeat SMU1 family. Human SMU1 is a component of the spliceosome fSAP57. It is possible that the mutation in Smu1 affects spliceosome function, resulting in generation of improper splice variants, which could explain the phenotypes of tsTM18 cells. Some results suggest that Smu1 participates in at least two steps of splicing: splice-site choice and control of accuracy.

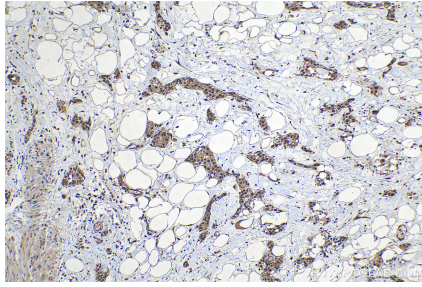
## Synonyms

BWD, fSAP57, RP11 54K16.3, SMU 1, SMU1

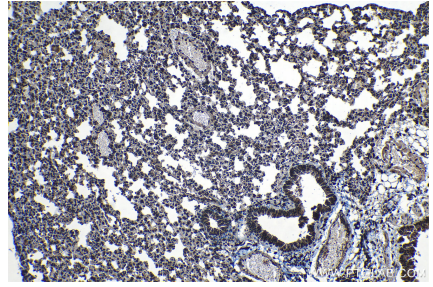
## Selected Validation Data



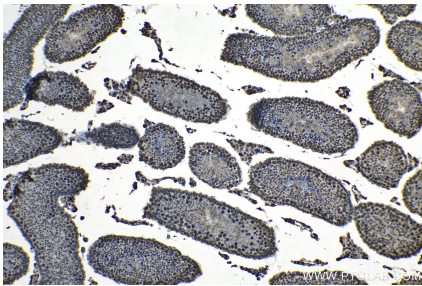
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1313 (SMU1 IHC Kit).



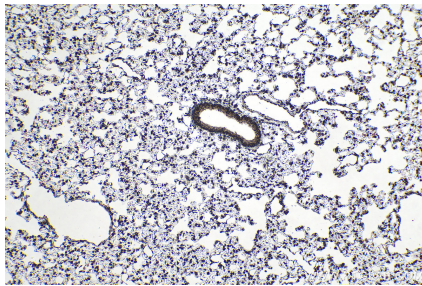
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1313 (SMU1 IHC Kit).



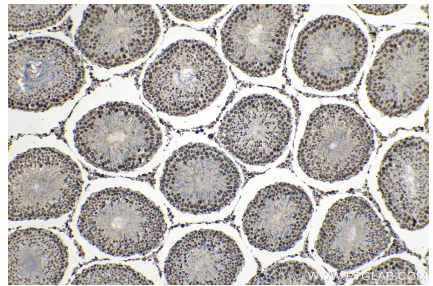
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1313 (SMU1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1313 (SMU1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC1313 (SMU1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1313 (SMU1 IHC Kit).