

# IHC*easy* MUC1 Ready-To-Use IHC Kit

Catalog Number: **KHC0304**

## General Information

Sample type:  
FFPE tissue

Cited sample type:

Reactivity:  
Human

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

MUC1 is a type I transmembrane glycoprotein expressed by various epithelial cells of female reproductive tract, lung, breast, kidney, stomach, and pancreas. Among the known mucins, MUC1 is best studied and plays crucial roles in regulating many cellular properties, including cell proliferation, apoptosis, adhesion, and invasion. MUC1 is overexpressed in a wide range of human epithelial malignancies.

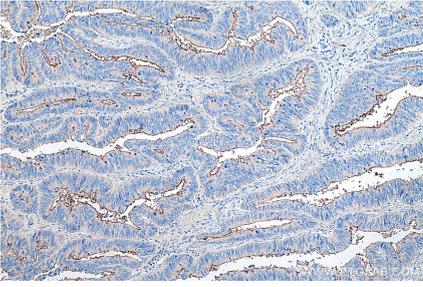
## Synonyms

CA15 3, CA153, CA15-3, Carcinoma associated mucin, CD227, EMA, Episialin, H23AG, KL-6, MAM6, MUC 1, MUC1, MUC1 beta, MUC1 CT, MUC1 NT, MUC1/CA15-3 C-terminal, Mucin 1, Peanut reactive urinary mucin, PEM, PEMT, Polymorphic epithelial mucin, PUM, Tumor associated mucin

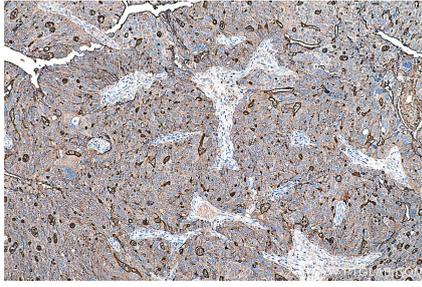
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0304 (MUC1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC0304 (MUC1 IHC Kit).