

IHC*easy* PSME3 Ready-To-Use IHC Kit

Catalog Number: **KHC0764**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse, Rat
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.

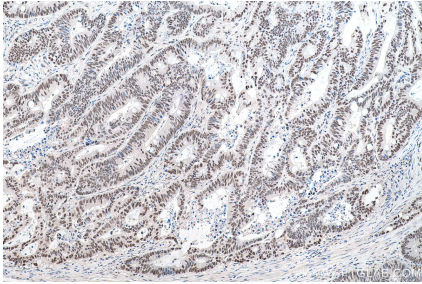
Background

PSME3 gene encodes proteasome activator complex subunit 3, which is also called REG-gamma or PA28-gamma. REG-gamma activates the trypsin-like catalytic subunit of the proteasome thus is a proteasome regulator. MDM2-TP53 interaction which promotes ubiquitination- and MDM2-dependent proteasomal degradation of TP53, may be promoted by REG-gamma resulting in inhibited apoptosis after DNA damage. REG-gamma may also be involved in cell cycle regulation.

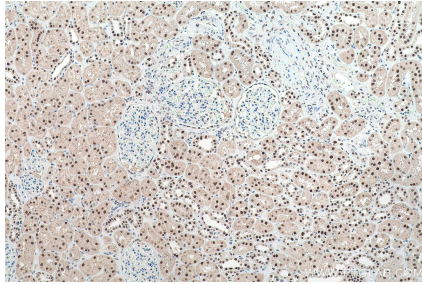
Synonyms

Ki, Ki nuclear autoantigen, PA28 gamma, PA28G, PA28gamma, PSME3, REG GAMMA

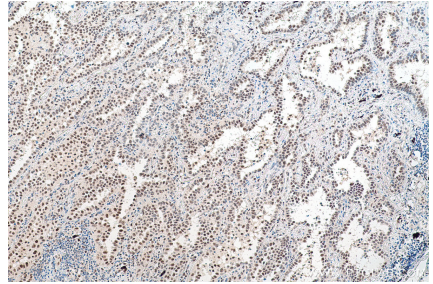
Selected Validation Data



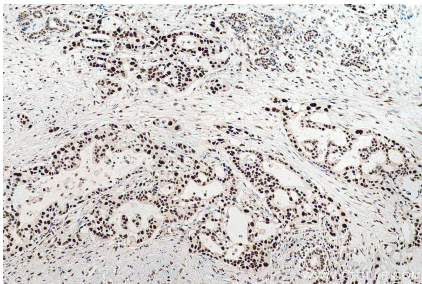
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0764 (PSME3 IHC Kit).



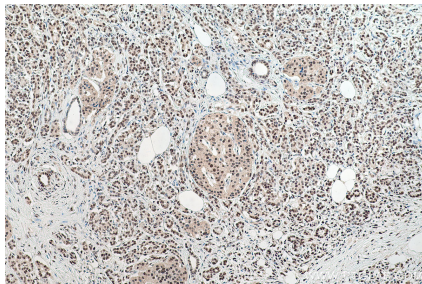
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC0764 (PSME3 IHC Kit).



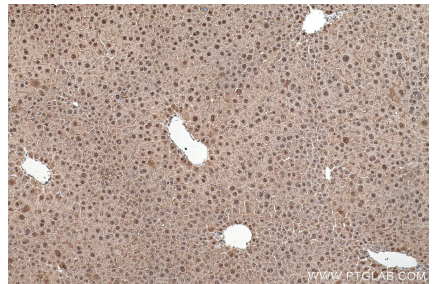
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0764 (PSME3 IHC Kit).



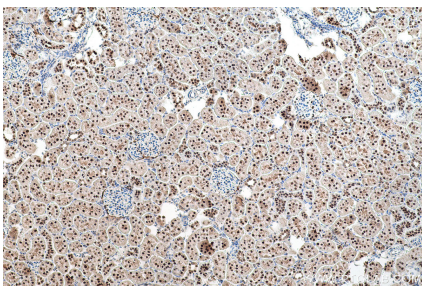
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC0764 (PSME3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC0764 (PSME3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC0764 (PSME3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC0764 (PSME3 IHC Kit).