

# IHC*easy* PSMD7 Ready-To-Use IHC Kit

Catalog Number: **KHC0943**

## 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.

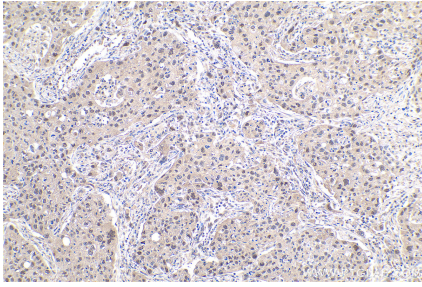
## Background

Proteasome 26S subunit, non-ATPase 7 (PSMD7), an ATP-independent component of the 19S regulatory subunit, is a member of the JAMM/MPN domain-associated metallopeptidase (JAMM) DUB family. PSMD7, as a core component of the 26S proteasome, is critical for the degradation of ubiquitinated proteins in the proteasome. PSMD7 arrests cell cycle in the G2/M phase during HIV infection.

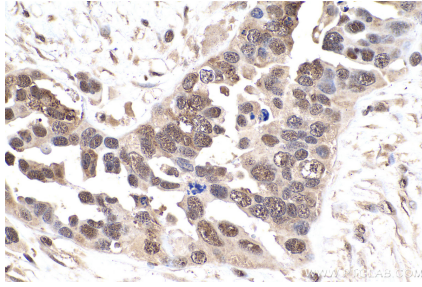
## Synonyms

MOV34, Mov34 protein homolog, MOV34L, P40, Proteasome subunit p40, PSMD7, Rpn8, S12

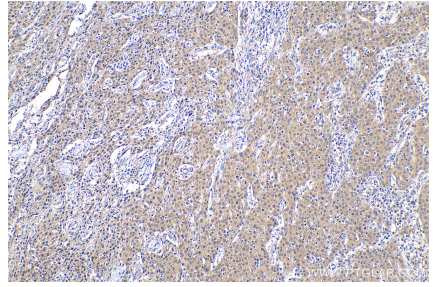
## Selected Validation Data



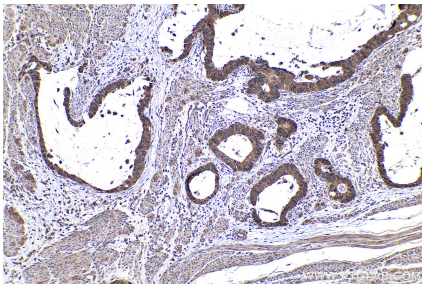
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0943 (PSMD7 IHC Kit).



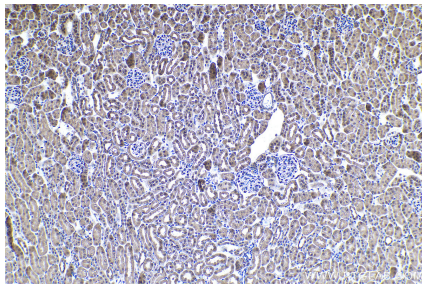
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0943 (PSMD7 IHC Kit).



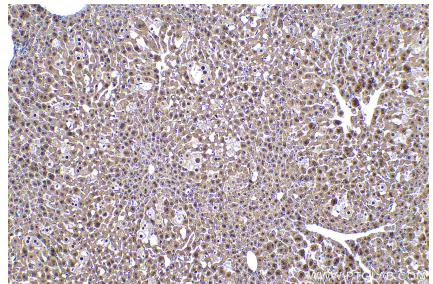
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC0943 (PSMD7 IHC Kit).



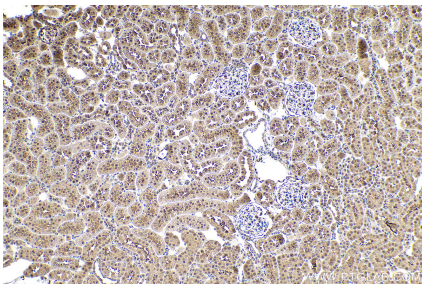
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC0943 (PSMD7 IHC Kit).



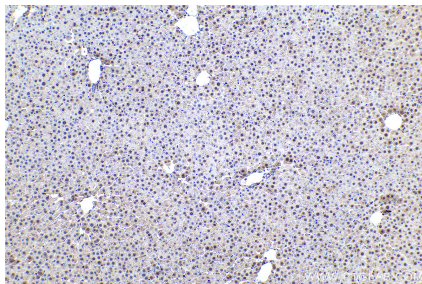
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC0943 (PSMD7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC0943 (PSMD7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC0943 (PSMD7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC0943 (PSMD7 IHC Kit).