

# IHCeasy<sup>®</sup> PSMA5 Ready-To-Use IHC Kit

Catalog Number: **KHC1571**

## 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

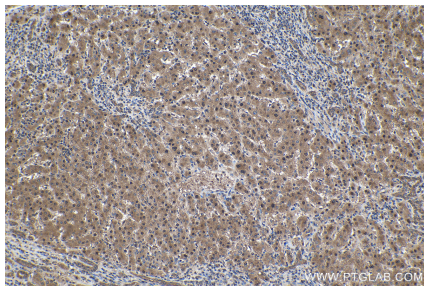
Proteasome subunit alpha type-5(PSMA5) is a component of the 20S core proteasome complex involved in the proteolytic degradation of most intracellular proteins. This complex plays numerous essential roles within the cell by associating with different regulatory particles. It binds to two 19S regulatory particles(RP) to form the 26S proteasome, an ATP-dependent multisubunit protease that degrades polyubiquitinated proteins into small peptides.

## Synonyms

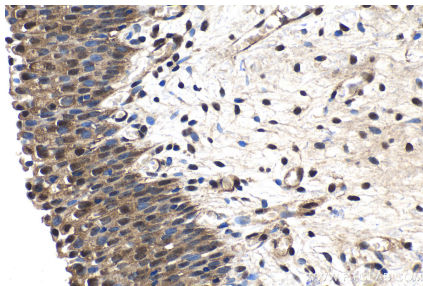
Macropain zeta chain, Proteasome zeta chain, PSC5, PSMA5, ZETA



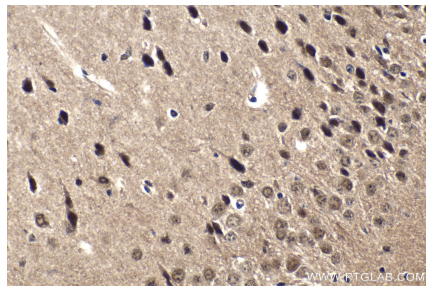
## Selected Validation Data



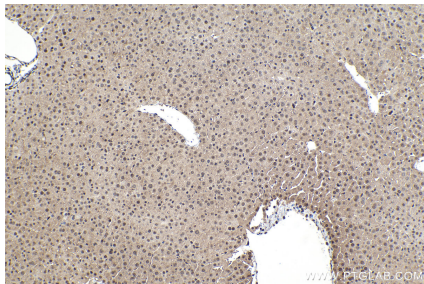
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC1571 (PSMA5 IHC Kit).



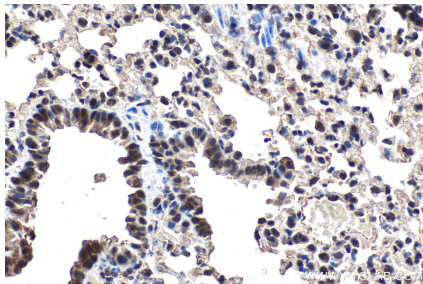
Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC1571 (PSMA5 IHC Kit).



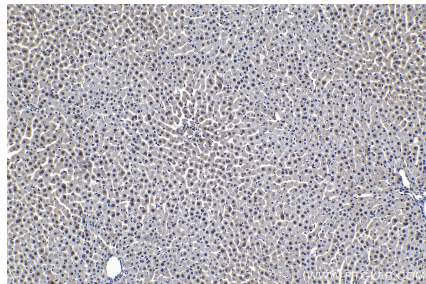
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC1571 (PSMA5 IHC Kit).



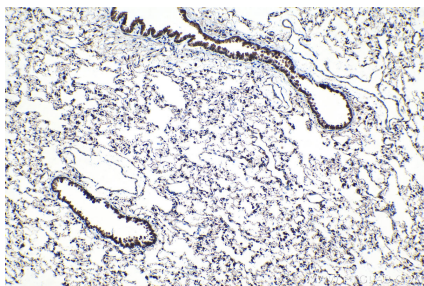
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC1571 (PSMA5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1571 (PSMA5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC1571 (PSMA5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC1571 (PSMA5 IHC Kit).