

IHC*easy* PSMA1 Ready-To-Use IHC Kit

Catalog Number: **KHC1172**

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.

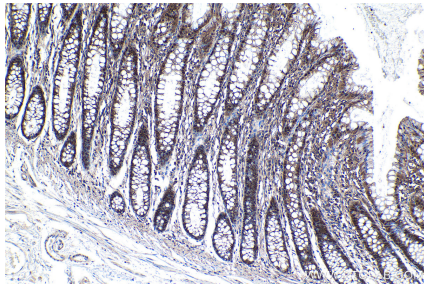
Background

PSMA1(Proteasome subunit alpha type-1) is also named as HC2, NU, PROS30, PSC2 and belongs to the peptidase T1A family. The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. It is induced in breast cancer tissue and up-regulated in liver tumor tissues.

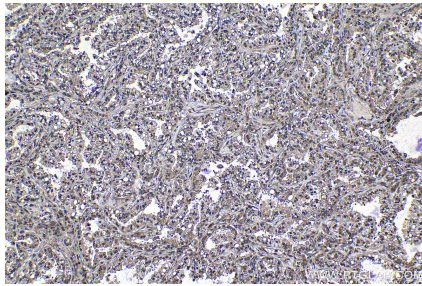
Synonyms

30 kDa prosomal protein, HC2, Macropain subunit C2, NU, PROS 30, PROS30, Proteasome component C2, Proteasome nu chain, PSC2, PSMA1

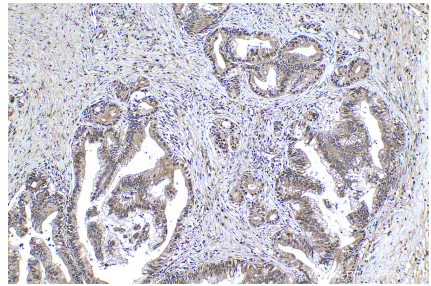
Selected Validation Data



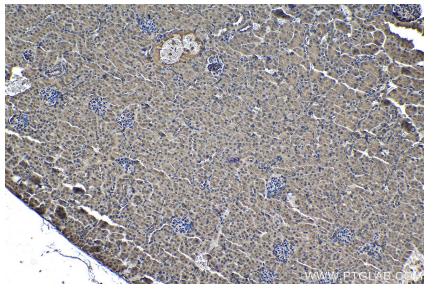
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC1172 (PSMA1 IHC Kit).



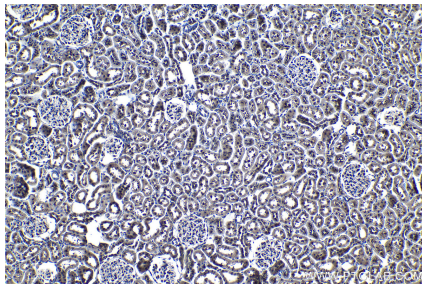
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1172 (PSMA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC1172 (PSMA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1172 (PSMA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC1172 (PSMA1 IHC Kit).