

IHC*easy* PSME4 Ready-To-Use IHC Kit

Catalog Number: **KHC1745**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
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

PSME4, like PSME1, 2, and 3, encodes proteasome activator complex subunit 4 also named proteasome activator 200 kDa (PA200). PA200 activates proteasomal cleavage of peptides in an energy-independent manner. After exposure of cells to ionizing radiation, PA200 forms nuclear foci and enhances proteasome activity independent of the stage of cell cycle arrest. PA200 also may be involved in spermatogenesis.

Synonyms

KIAA0077, PA200, Proteasome activator PA200, PSME4

Selected Validation Data