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For Research Use Only

IHC*easy* EXOSC10 Ready-To-Use IHC Kit

Catalog Number: KHC1665

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

About 50% of patients with polymyositis/scleroderma (PM-Scl) overlap syndrome are reported to have autoantibodies to a neuclear/nucleolar particle termed PM-Scl. Exosome component 10 (EXOSC10), also named autoantigen PM/Scl 2, is the 100 kDa antigen component of PM-Scl and is recognized by most sera of PM-Scl paitents. EXOSC10 is strongly enriched in the nucleolus and a small amount has been found in cytoplasm supporting the existence of a nucleolar RNA exosome complex form. As a putative catalytic component of the RNA exosome complex which has 3'->5' exoribonuclease activity, EXOSC10 participates in a multitude of cellular RNA processing and degradation events.

Synonyms

Autoantigen PM/Scl 2, EXOSC10, exosome component 10, p2, p3, p4, PM Scl, PM/Scl 100, PMSCL, PMSCL2, RRP6, Rrp6p

For technical support and original validation data for this product please contact:
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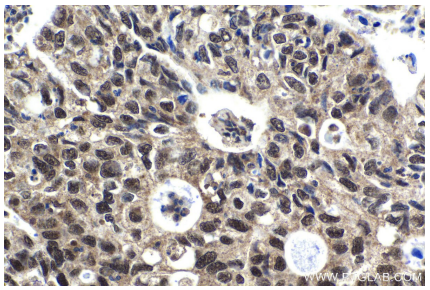
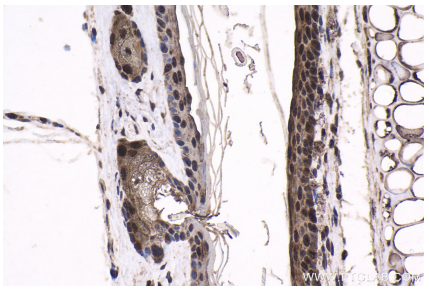
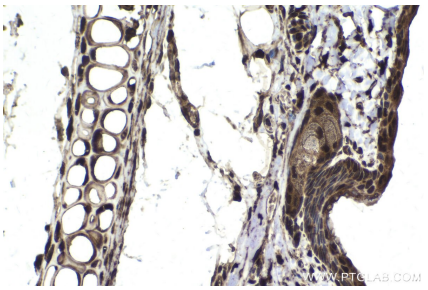
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1665 (EXOSC10 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using KHC1665 (EXOSC10 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using KHC1665 (EXOSC10 IHC Kit).