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For Research Use Only

IHC*easy*® RPS14 Ready-To-Use IHC Kit

Catalog Number: KHC0595

General Information

Sample type: FFPE tissue	Assay type: Immunohistochemistry
Cited sample type:	Primary antibody type: Mouse Monoclonal
Reactivity: Human	Secondary antibody type: Polymer-HRP-Goat anti-Mouse
Cited Reactivity:	

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

The mammalian ribosome consists of 4 RNA species and approximately 80 different proteins. The ribosomal proteins are encoded by complex gene families that include at least 1 active intron-containing gene and multiple processed pseudogenes. The RPS14 gene, encoding a ribosomal protein that belongs to the 40S ribosome, and mapping to the commonly deleted region (CDR) of the 5q- syndrome, shows haploinsufficiency in the CD34+ cells of patients with this disorder.
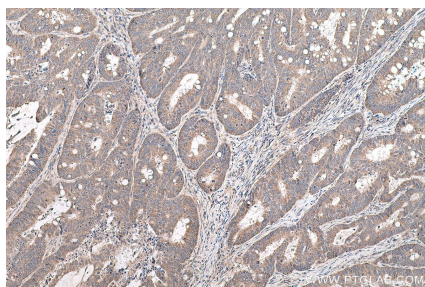
Synonyms

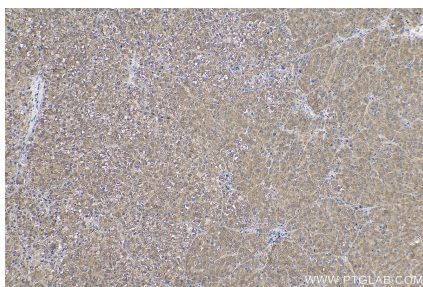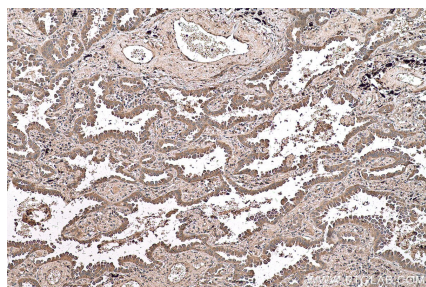40S ribosomal protein S14, EMTB, ribosomal protein S14, RPS14
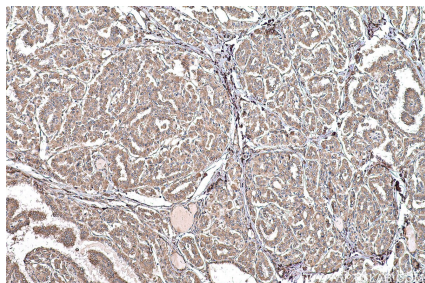
Selected Validation Data

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0595 (RPS14 IHC Kit).
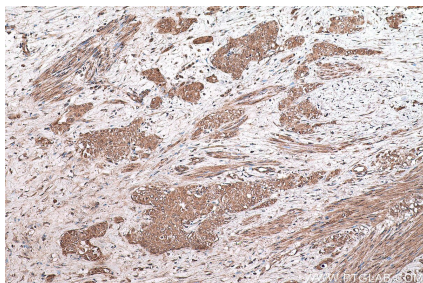

Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0595 (RPS14 IHC Kit).

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0595 (RPS14 IHC Kit).

Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC0595 (RPS14 IHC Kit).

Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using KHC0595 (RPS14 IHC Kit).