

For Research Use Only

IHCeasy MRPL49 Ready-To-Use IHC Kit

Catalog Number: KHC1365

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
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Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

MRPL49, also named as C11orf4, NOF1, or SW-cl.67, is a 166 amino acid protein, which belongs to the ribosomal protein L49em family. MRPL49 localizes in the Mitochondrion and is widely expressed in various tissues. MRPL49 is a regulator of C3 convertase of classical pathway.

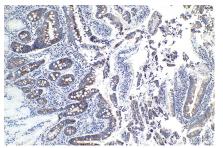
Synonyms

C11orf4, L49mt, MRP L49, MRPL49, Neighbor of FAU, NOF, NOF1, Protein NOF1

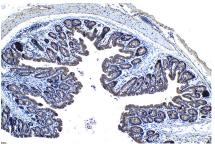
For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll E: proteintech@ptglab.com free in USA), or 1(312) 455-8498 (outside W: ptglab.com USA)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

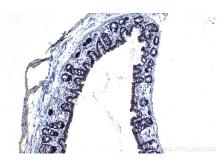
Selected Validation Data



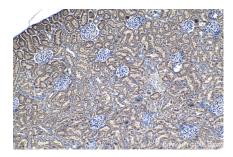
Immunohistochemical analysis of paraffinembedded human stomach cancer tissue slide using KHC1365 (MRPL49 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse colon tissue slide using KHC1365 (MRPL49 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat colon tissue slide using KHC1365 (MRPL49 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat kidney tissue slide using KHC1365 (MRPL49 IHC Kit).