

IHC*easy* MYH14 Ready-To-Use IHC Kit

Catalog Number: **KHC0351**

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.

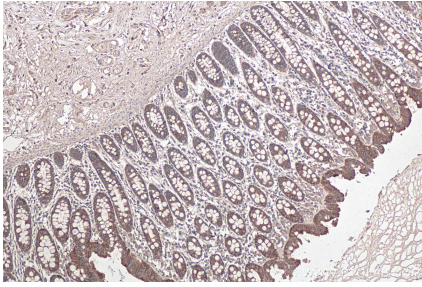
Background

MYH14, also named as KIAA2034 and NMHC II-C, is cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping. Defects in MYH14 are the cause of deafness autosomal dominant type 4 (DFNA4).

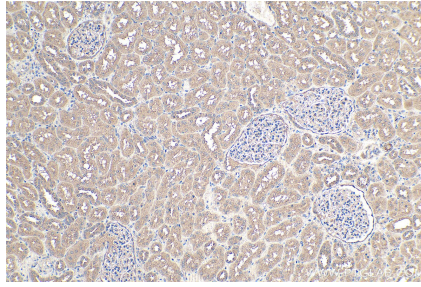
Synonyms

DFNA4, KIAA2034, MHC16, MYH14, myosin, Myosin 14, Myosin heavy chain 14, myosin, heavy chain 14, NMHC II C

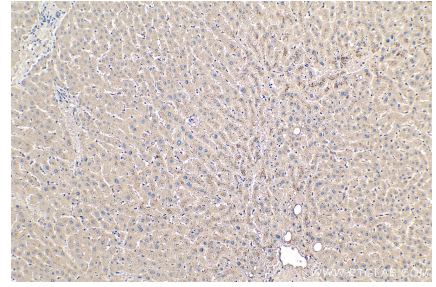
Selected Validation Data



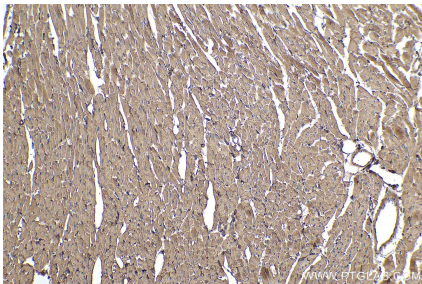
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC0351 (MYH14 IHC Kit).



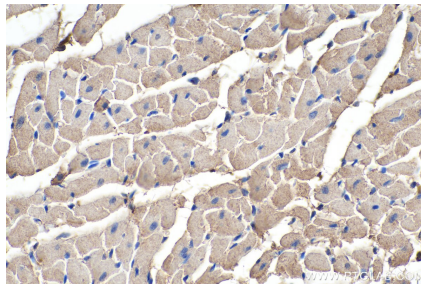
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC0351 (MYH14 IHC Kit).



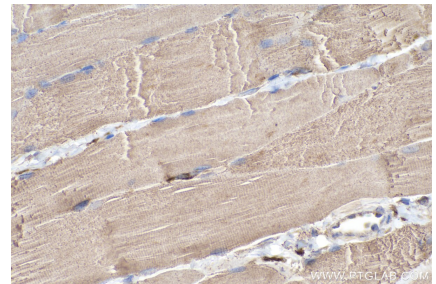
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0351 (MYH14 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0351 (MYH14 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC0351 (MYH14 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC0351 (MYH14 IHC Kit).