

For Research Use Only

IHCeasy 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 Сору	
Manual	1 Сору	

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).

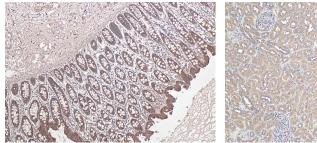
Synonyms

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

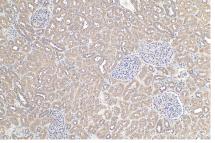
For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll E: proteintech@ptglab.com free in USA), or 1(312) 455-8498 (outside W: ptglab.com USA)

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 colon tissue slide using KHC0351 (MYH14 IHC Kit).



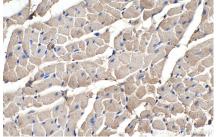
Immunohistochemical analysis of paraffinembedded human kidney tissue slide using KHC0351 (MYH14 IHC Kit).



Immunohistochemical analysis of paraffinembedded human liver tissue slide using KHC0351 (MYH14 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse heart tissue slide using KHC0351 (MYH14 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat heart tissue slide using KHC0351 (MYH14 IHC Kit).



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