

IHC*easy* MYO18A Ready-To-Use IHC Kit

Catalog Number: **KHC0360**

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.

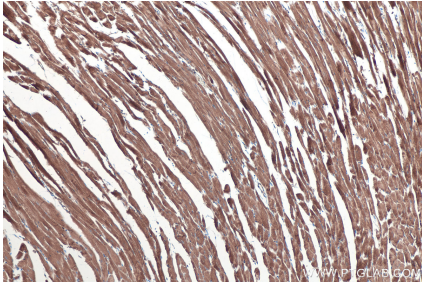
Background

MYO18A is an unconventional myosin that may play a role in the stabilization and organization of the actin cytoskeleton. Recently MYO18A has been identified as the receptor of SP and is responsible for clearance of SP-A-opsonized bacteria in in vivo infection. Two different isoforms of mouse Myo18A have been identified: Myo18A-alpha and Myo18A-beta. Myo18a-alpha colocalizes with the ER-Golgi complex and with membrane ruffles and filopodia, while Myo18a-beta localizes diffusely to the cytoplasm.

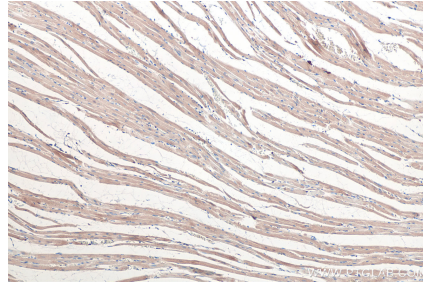
Synonyms

CD245, KIAA0216, MAJN, MYO18A, Myosin containing a PDZ domain, myosin XVIII, MYSPDZ, SPR210

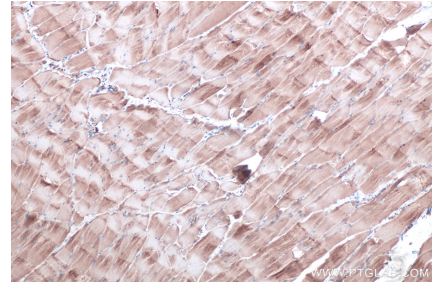
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0360 (MYO18A IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC0360 (MYO18A IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC0360 (MYO18A IHC Kit).