

Nur für Forschungszwecke

# MYH2-specific Monoklonaler Antikörper



Katalog-Nr.: 66212-1-Ig **2 Publikationen**

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66212-1-Ig	<b>GenBank-Zugangsnummer:</b> NM_017534	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul, Konzentration: 1800 µg/ml von 4620 Nanodrop und 900 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> myosin, heavy chain 2, skeletal muscle, adult	<b>CloneNo.:</b> 1F1B6
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> myosin, heavy chain 2, skeletal muscle, adult	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:100000 IHC 1:2000-1:8000
<b>Isotyp:</b> IgG2b	<b>Berechnete Masse:</b> 223 kDa	
	<b>Beobachtete Masse:</b> 200 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IHC, WB, ELISA

### In Publikationen genannte Anwendungen:

WB

### Getestete Reaktivität:

Human

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

### Positivkontrollen:

WB: humanes Skelettmuskelgewebe,

IHC: Mausherzgewebe, humanes Skelettmuskelgewebe, Maus-Skelettmuskelgewebe, Mauszungengewebe, Ratten-Skelettmuskelgewebe

## Hintergrundinformationen

MYH2 (Myosin II) is a member of the class II or conventional myosin heavy chains. Myosin II was first isolated from muscle but is also found in non muscle cells, and it is especially enriched in highly motile cell types such as amoebae. It forms bipolar filaments that interact with actin filaments to produce contraction. And it is the motor protein that generates force to drive muscle contraction. Functions in skeletal muscle contraction. The antibody is specific to MYH2, will not bind other myosins. It is a skeletal muscle specific antibody.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wenliang Zhang	34580406	Sci Rep	WB
Luchu Zhang	29224337	J Agric Food Chem	WB

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

### Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

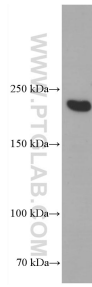
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

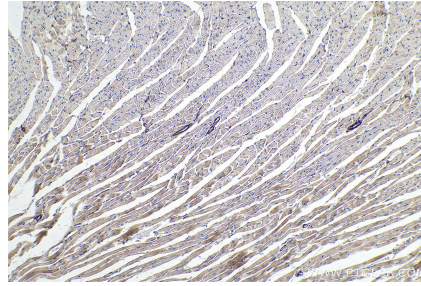
E: proteintech@ptglab.com  
W: ptglab.com

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

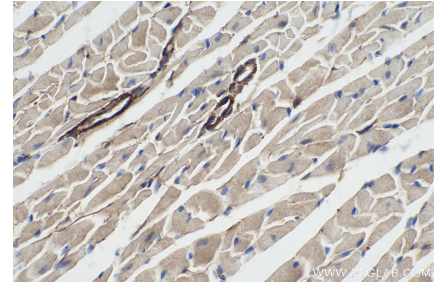
## Ausgewählte Validierungsdaten



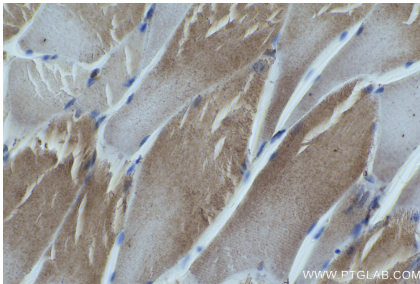
human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 66212-1-Ig (Myosin 2a antibody) at dilution of 1:100000 incubated at room temperature for 1.5 hours.



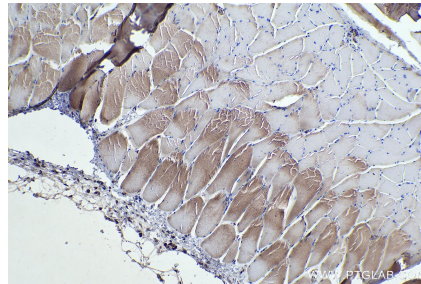
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 66212-1-Ig (MYH2-specific antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 66212-1-Ig (MYH2-specific antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 66212-1-Ig (MYH2-specific antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 66212-1-Ig (MYH2-specific antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).