

For Research Use Only

# MYH8-Specific Recombinant antibody

Catalog Number: 84594-1-RR



## Basic Information

### Catalog Number:

84594-1-RR

### Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_002472

### GeneID (NCBI):

4626

### UNIPROT ID:

P13535

### Full Name:

myosin, heavy chain 8, skeletal muscle, perinatal

### Calculated MW:

223 kDa

### Observed MW:

220-230 kDa

### Purification Method:

Protein A purification

### CloneNo.:

241539A1

### Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:200-1:800

IF-P 1:250-1:1000

## Applications

### Tested Applications:

WB, IHC, IF-P, ELISA

### Species Specificity:

human, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : rat skeletal muscle tissue, human heart tissue

IHC : mouse skeletal muscle tissue,

IF-P : mouse skeletal muscle tissue,

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

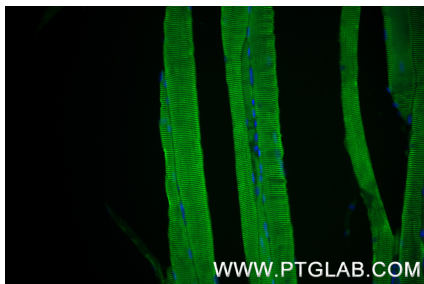
For technical support and original validation data for this product please contact:

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

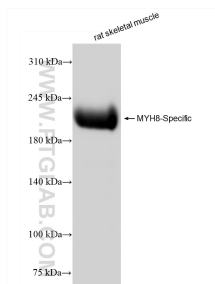
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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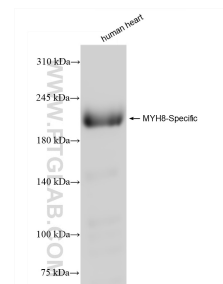
## Selected Validation Data



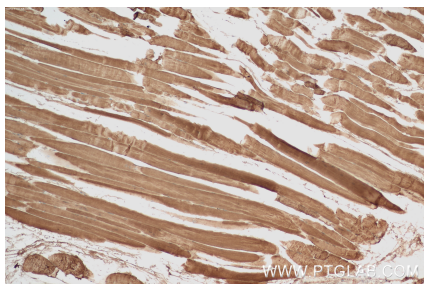
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse skeletal muscle tissue using MYH8-Specific antibody (84594-1-RR, Clone: 241539A1) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



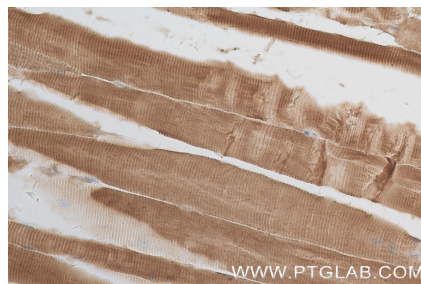
rat skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 84594-1-RR (MYH8-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



human heart tissue were subjected to SDS PAGE followed by western blot with 84594-1-RR (MYH8-Specific antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 84594-1-RR (MYH8-Specific antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 84594-1-RR (MYH8-Specific antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).