

For Research Use Only

MYOT Recombinant monoclonal antibody

Catalog Number: 87334-1-RR



Basic Information

Catalog Number:

87334-1-RR

GenBank Accession Number:

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Purification Method:

Protein A purification

Size:

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

GeneID (NCBI):

9499

CloneNo.:

252646B7

Source:

Rabbit

UNIPROT ID:

Q9UBF9

Recommended Dilutions:

WB: 1:5000-1:50000

Isotype:

IgG

Full Name:

myotilin

Calculated MW:

55 kDa

Immunogen Catalog Number:

EG6068

Observed MW:

55-57 kDa

Applications

Tested Applications:

WB, ELISA

Positive Controls:

WB : human skeletal muscle tissue, mouse skeletal muscle tissue, rat skeletal muscle tissue, pig skeletal muscle tissue

Species Specificity:

human, mouse, rat, pig

Background Information

MYOT (myotilin) is a structural protein of the striated muscle Z-discs. It interacts with both actinin and filamin, forming a complex to maintain structural stability of muscles. In adult tissues, myotilin is mainly expressed in skeletal and cardiac muscles and in the peripheral nerves. Missense mutations of myotilin cause limb girdle muscular dystrophy 1A and some other myopathy.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

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:

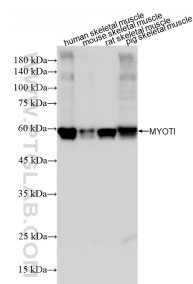
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

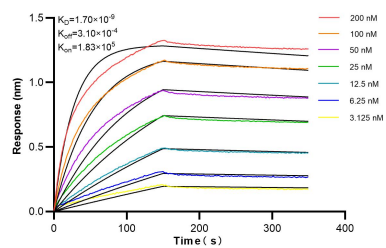
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87334-1-RR (MYOTI antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87334-1-RR against Human MYOT were performed. The affinity constant is 1.70 nM.