

MYOT rabbit monoclonal antibody

Catalog # H00009499-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MYOT peptide using ARM Technology.
Immunogen	A synthetic peptide of human MYOT is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MYOT peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MYOT

Entrez GeneID	9499
GeneBank Accession#	MYOT
Gene Name	MYOT
Gene Alias	LGMD1, LGMD1A, TTID
Gene Description	myotilin
Omim ID	159000 182920 604103 609200
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a cytoskeletal protein which plays a significant role in the stability of thin filaments during muscle contraction. This protein binds F-actin, crosslinks actin filaments, and prevents latrunculin A-induced filament disassembly. Mutations in this gene have been associated with limb-girdle muscular dystrophy and myofibrillar myopathies. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined
Other Designations	titin immunoglobulin domain protein (myotilin)

Disease

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