Anti-MYOT antibody

Cat. No.	ml125919
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-MYOT rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human MYOT
Reactivity	Human, Mouse
Content	1.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

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Symbol	MYOT
Full name	myotilin
Synonyms	MFM3; TTID; TTOD; LGMD1; LGMD1A
Swissprot	Q9UBF9

Target Background

This gene encodes a cystoskeletal 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.

Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human tonsil

Recommended dilution: 50-300

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-300
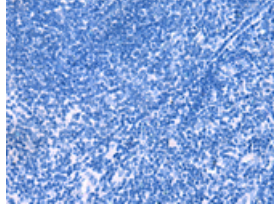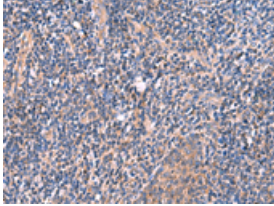
The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml125919(MYOT Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: ×200)
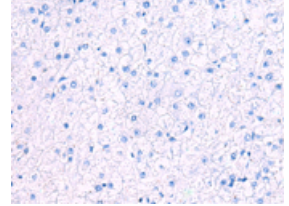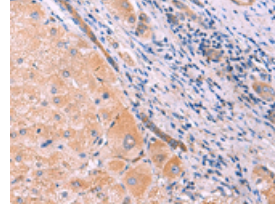
The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml125919(MYOT Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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