

Product Information

Recombinant Anti-Human tnni1 Antibody

Cat. No.: **MOM-18517**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody binds selectively to Human TNNI1, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.

Specific Activity

Tested positive against native antigen.

Target

TNNI1

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95%, by SDS-PAGE with silver staining, under reducing conditions.

Applications

Suitable for use in Neut, FuncS, IF, ICC and most other immunological methods.

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name

[TNNI1 troponin I type 1 \(skeletal, slow\) \[Homo sapiens\]](#)

Official Symbol

TNNI1

Synonyms

TNNI1; troponin I type 1 (skeletal, slow); troponin I, skeletal, slow; troponin I, slow skeletal muscle; troponin I, slow-twitch isoform; TNN1; SSTNI; DKFZp451O223

Gene ID

[7135](#)

mRNA Refseq

[NM_003281](#)

Protein Refseq

[NP_003272](#)

MIM

[191042](#)

UniProt ID

P19237

Chromosome Location

1q31.3

Pathway

Muscle contraction, organism-specific biosystem; Striated Muscle Contraction, organism-specific biosystem; Striated Muscle Contraction, organism-specific biosystem;

Function

actin binding; tropomyosin binding;