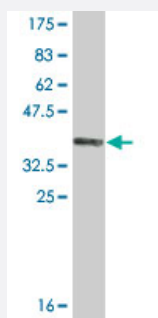


TCAP monoclonal antibody (M13A), clone 1A3

Catalog # H00008557-M13A

Size 200 uL

Applications



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TCAP.
Immunogen	TCAP (NP_003664.1, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MATSELSCEVSEENCERREAFWAEWKDLTLSTRPEEGCSLHEEDTQRHETYHQQGQCQVLVQ RSPWLMMRMGILGRGLQEYQLPYQRVLPPIFTPAKMG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91)
Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TCAP

Entrez GeneID	8557
GeneBank Accession#	NM_003673
Protein Accession#	NP_003664.1
Gene Name	TCAP
Gene Alias	CMD1N, LGMD2G, T-cap, TELE, telethonin
Gene Description	titin-cap (telethonin)
Omim ID	601954 604488 607487
Gene Ontology	Hyperlink
Gene Summary	Sarcomere assembly is regulated by the muscle protein titin. Titin is a giant elastic protein with kinase activity that extends half the length of a sarcomere. It serves as a scaffold to which myofibrils and other muscle related proteins are attached. This gene encodes a protein found in striated and cardiac muscle that binds to the titin Z1-Z2 domains and is a substrate of titin kinase, interactions thought to be critical to sarcomere assembly. Mutations in this gene are associated with limb-girdle muscular dystrophy type 2G. [provided by RefSeq]
Other Designations	19 kDa sarcomeric protein limb girdle muscular dystrophy 2G (autosomal recessive) telethonin

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiomyopathy](#)

- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)