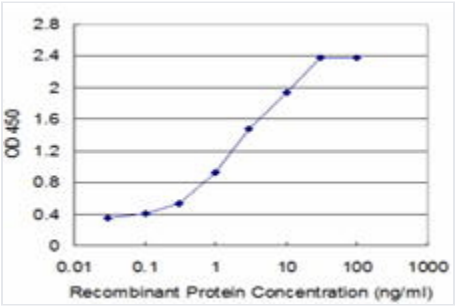
TCAP Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TCAP, Monoclonal Antibody
Full Product Name	TCAP (Titin-cap (telethonin), CMD1N, LGMD2G, T-cap, TELE, telethonin) (FITC)
Product Gene Name	anti-TCAP antibody
Product Synonym Names	Titin-cap (telethonin); CMD1N; LGMD2G; T-cap; TELE; telethonin
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2B1
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified
Specificity	Recognizes TCAP.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor only prior to immediate use. Further dilutions can be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Immunogen	TCAP (AAH12628, 1aa-167aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MATSELSCEVSEENCERREAFWAEWKDLTLSTRPEEGCSLHEEDTQRHETYHQQGQCQVLVQRSPWLMMRMGILGRGLQEYQLPYQRVLPLPIFTPAK
Conjugate	FITC
Product Categories/Family for anti-TCAP antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-TCAP antibody	ELISA (EIA)
Application Notes for anti-TCAP antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TCAP antibody	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 sarcome 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 type 2G. [provided by RefSeq]
Other Notes	Small volumes of anti-TCAP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for TCAP purchase	MBS6176851 is an antibody targeting TCAP. Also known as TCAP (Titin-cap (telethonin), CMD1N, LGMD2G, T-cap, TELE, telethonin) (FITC). Host: M



Testing Data of anti-TCAP antibody
Detection limit for recombinant GST tagged TCAP is approximately 0.1ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TCAP. It may not necessarily be applicable to this product.

NCBI GI #	15215003
NCBI GeneID	8557
NCBI Accession #	AAH12628
UniProt Related Accession #	O15273
NCBI Official Full Name	Titin-cap (telethonin)
NCBI Official Synonym Full Names	titin-cap
NCBI Official Symbol	TCAP
NCBI Official Synonym Symbols	TELE; CMD1N; CMH25; T-cap; LGMD2G; LGMDR7; telethonin
Protein Family	Telethonin
NCBI Protein Information	telethonin
Research Articles on TCAP	**1.** limb-girdle muscular dystrophy type 2G appears to be a common form among Bulgarian Muslims. Homozygosity for c.75G>A, p.Trp25X is associated with a homogeneous clinical presentation, but the clinical course and severity of the disease show inter- and intra-familial variation.
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