TNNC2 rabbit monoclonal antibody

Catalog # H00007125-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TNNC2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TNNC2 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 TNNC2 peptide by ELISA and mammalian transfected lysate by W estern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — TNNC2

Entrez GeneID	7125
GeneBank Accession#	TNNC2
Gene Name	TNNC2
Gene Alias	-
Gene Description	troponin C type 2 (fast)
Omim ID	191039
Gene Ontology	Hyperlink
Gene Summary	Troponin (Tn), a key protein complex in the regulation of striated muscle contraction, is composed of 3 subunits. The Tn-I subunit inhibits actomyosin ATPase, the Tn-T subunit binds tropomyosin and Tn-C, while the Tn-C subunit binds calcium and overcomes the inhibitory action of the troponin complex on actin filaments. The protein encoded by this gene is the Tn-C subunit. [provided by RefSeq
Other Designations	OTTHUMP00000039531|fast skeletal muscle troponin C|troponin C2, fast

Pathway

- Calcium signaling pathway

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema