

Recombinant

DGRmAb®

TNNC1 (DGR36048) Rabbit mAb (PBS Only)

db16283-PBS

Package : 100µg

Product Name : TNNC1 (DGR36048) Rabbit mAb (PBS Only)**Cat.No.:** db16283-PBS**Synonyms** : TNC; TN-C; TNNC; CMD1Z; CMH13**Application** : WB, IHC-P**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

Troponin is a central regulatory protein of striated muscle contraction, and together with tropomyosin, is located on the actin filament. Troponin consists of 3 subunits: TnI, which is the inhibitor of actomyosin ATPase; TnT, which contains the binding site for tropomyosin; and TnC, the protein encoded by this gene. The binding of calcium to TnC abolishes the inhibitory action of TnI, thus allowing the interaction of actin with myosin, the hydrolysis of ATP, and the generation of tension. Mutations in this gene are associated with cardiomyopathy dilated type 1Z. [provided by RefSeq, Oct 2008]

Immunogen

A synthetic peptide of human TNNC1

Gene ID

TNNC1

Swiss Prot

P63316

Synonyms

TNC; TN-C; TNNC; CMD1Z; CMH13

Reactivity

Human, Mouse, Rat

Application

WB, IHC-P

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

Calculated MW

18 kDa

Observed MW

18 kDa

Host species

Rabbit

Clonality

Monoclonal

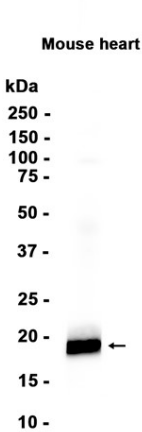
Clonality No.

DGR36048

Isotype

IgG

| | |
|-------------------|---|
| Purity | Affinity Purification |
| Conjugation | Un-conjugated |
| Concentration | 1 mg/ml |
| Formulation | PBS Only |
| Storage Stability | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |



Western blot analysis of extracts from Mouse heart tissue using [db16283](#)