

Recombinant

DGRmAb®

**TNNC1 (DGR36048) Rabbit mAb**

db16283

Package : 10µL 20µL 50µL 100µL

**Product Name** : TNNC1 (DGR36048) Rabbit mAb**Cat.No.:** db16283**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
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Western blot analysis of extracts from Mouse heart tissue using db16283 at 1:1000.

