



Anti-Troponin T monoclonal antibody, clone 2G3 (DMAB1823MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Human cardiac troponin T (cTnT). Recognizes an epitope located between amino acid residues 180 and 287 of cTnT. No cross-reactivity with human skeletal TnT.
Immunogen	Free human cardiac troponin T
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	2G3
Purification	>90 % pure. Protein A Sepharose chromatography. Purity is tested by electrophoresis.
Conjugate	Unconjugated
Format	Purified, Liquid
Concentration	8.6mg/ml (Sigma protein assay kit)
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

GENE INFORMATION

Gene Name	TNNT2 troponin T type 2(cardiac) [Homo sapiens]
Official Symbol	TNNT2
Synonyms	TNNT2; troponin T type 2 (cardiac); CMH2; RCM3; TnTC; cTnT; CMPD2; LVNC6; MGC3889; troponin T, cardiac muscle; OTTHUMP00000033864; OTTHUMP00000033865; OTTHUMP00000033866;
Entrez Gene ID	7139
Protein Refseq	NP_000355
UniProt ID	P45379
Chromosome Location	1q32
Pathway	Cardiac muscle contraction, organism-specific biosystem; Dilated cardiomyopathy, organism-specific biosystem; Hypertrophic cardiomyopathy (HCM), organism-specific biosystem; Muscle contraction, organism-specific biosystem; Striated Muscle Contraction, organism-specific biosystem
Function	contributes to ATPase activity; actin binding; tropomyosin binding; troponin C binding; troponin I binding