



Anti-Troponin I monoclonal antibody, clone 13G11 (DMAB4462MH)

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

PRODUCT INFORMATION

Specificity	Troponin I from human skeletal muscle. Cross-reactivity with Cardiac Troponin I is <0.05%.
Immunogen	Troponin I from human skeletal muscle.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	13G11
Affinity Constant	Not determined
Purification	90% pure (SDS-PAGE). Protein A chromatography
Conjugate	Unconjugated
Applications	Skeletal muscle Troponin I immunoassay and Troponin I immunoaffinity purification. Works in Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pairs for sandwich immunoassay: • Capture DMAB4462MH • Detection DMAB4463MH Suggested pair for testing (Capture - Detection): DMAB4462MH - DMAB4463MH

Format	Purified, Liquid
Concentration	4.8mg/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	TNNI2troponin I type 2 (skeletal, fast) [Homo sapiens]
Official Symbol	TNNI2
Synonyms	TNNI2; troponin I type 2 (skeletal, fast); DA2B; FSSV; fsTnI; AMCD2B; troponin I, fast skeletal muscle; OTTHUMP00000014141; OTTHUMP00000014142; OTTHUMP00000014143; troponin I fast twitch 2; troponin I, skeletal, fast; troponin I, fast-twitch isoform; fast-twitch skeletal muscle troponin I; troponin I, fast-twitch skeletal muscle isoform
Entrez Gene ID	7136
Protein Refseq	NP_001139301
UniProt ID	P48788
Chromosome Location	11p15.5
Pathway	Muscle contraction; Striated Muscle Contraction
Function	contributes_to actin binding; protein binding; troponin T binding