

Product datasheet for **BM748**

Cardiac Troponin I (TNNI3) (+ skeletal) Mouse Monoclonal Antibody [Clone ID: C5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	C5
Applications:	ELISA, WB
Recommended Dilution:	Suitable for use in ELISA and Western Blot.
Reactivity:	Amphibian, Bovine, Chicken, Fish, Human, Mouse, Rabbit
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Free Troponin I from human heart
Specificity:	Reacts with Troponin I from cardiac and skeletal muscle. The antibody is specific for an epitope between amino acids 186-192 of cardiac Troponin I. It is reactive with helix cardiac and skeletal isoforms.
Formulation:	PBS, pH 7.2 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	troponin I3, cardiac type
Database Link:	Entrez Gene 7137 Human P19429
Background:	Troponin I is 1 of 3 subunits that constitute the troponin complex which plays an important role in the regulation of skeletal and cardiac muscle contraction. It is presented in cardiac tissue by a single isoform with a molecular weight of 29 kDa and is known as a specific marker for cardiac tissue damage.



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Synonyms: TNNI3, TNNC1