

## Datasheet: 9202-0537

<b>Description:</b>	MOUSE ANTI TROPONIN I (CARDIAC/SKELETAL)
<b>Specificity:</b>	TROPONIN I (CARDIAC/SKELETAL)
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	C5
<b>Isotype:</b>	IgG2b
<b>Quantity:</b>	0.2 mg

## Product Details

**RRID** AB\_616916

**Applications** This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			
Western Blotting	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

**Target Species** Human

**Species Cross Reactivity** Reacts with: Mouse, Cat, Rabbit, Dog, Pig, Rat, Goat, Bovine, Fish  
**N.B.** Antibody reactivity and working conditions may vary between species.

**Product Form** Purified Ig - liquid

**Preparation** Purified Ig prepared by affinity chromatography on Protein A

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 0.09% Sodium Azide (NaN<sub>3</sub>)

**Approx. Protein Concentrations** 1 mg/ml

**Immunogen** Free human cardiac troponin I.

**External Database Links** **UniProt:**

[P19429](#) [Related reagents](#)

[P19237](#) [Related reagents](#)

[P48788](#) [Related reagents](#)

**Entrez Gene:**

[7137](#) TNNI3 [Related reagents](#)

[7135](#) TNNI1 [Related reagents](#)

[7136](#) TNNI2 [Related reagents](#)

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**Synonyms**

TNNC1

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**Specificity**

**Mouse anti Troponin I (Cardiac/Skeletal) antibody, clone C5** reacts with cardiac and skeletal troponin I. Mouse anti Troponin I (Cardiac/Skeletal) antibody, clone C5 recognizes an epitope between amino acids 186-192 of cardiac troponin I.

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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**Storage**

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

18 months from date of despatch.

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at:

10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgG (STAR77...) [HRP](#)

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)

Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Goat Anti Mouse IgG (STAR76...) [RPE](#)

Goat Anti Mouse IgG (STAR70...) [FITC](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Human Anti Mouse IgG2b (HCA038...) [FITC](#)

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@680](#), [DyLight@800](#), [FITC](#), [HRP](#)

### Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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