

Datasheet: 9202-0537

**BATCH NUMBER 153438**

<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

### 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. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### 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>)

<b>Approx. Protein Concentrations</b>	1 mg/ml
<b>Immunogen</b>	Free human cardiac troponin I.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P19429</a>    <a href="#">Related reagents</a></p> <p><a href="#">P19237</a>    <a href="#">Related reagents</a></p> <p><a href="#">P48788</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">7137</a>    TNNI3    <a href="#">Related reagents</a></p> <p><a href="#">7135</a>    TNNI1    <a href="#">Related reagents</a></p> <p><a href="#">7136</a>    TNNI2    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	TNNC1
<b>RRID</b>	AB_616916
<b>Specificity</b>	<p><b>Mouse anti Troponin I (Cardiac/Skeletal) antibody, clone C5</b> 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.</p> <p>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.</p>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/9202-0537">https://www.bio-rad-antibodies.com/SDS/9202-0537</a></p> <p>10040</p>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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

Goat Anti Mouse IgG (STAR76...) [RPE](#)  
Goat Anti Mouse IgG (STAR70...) [FITC](#)  
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Goat Anti Mouse IgG (STAR77...) [HRP](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),  
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),  
[FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M363569:200528'

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