


## Product datasheet

# Anti-heavy chain cardiac Myosin antibody [BA-G5] ab50967

★★★★★ 12 Abreviews 83 References [2 Images](#)

### Overview

<b>Product name</b>	Anti-heavy chain cardiac Myosin antibody [BA-G5]
<b>Description</b>	Mouse monoclonal [BA-G5] to heavy chain cardiac Myosin
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat <b>Predicted to work with:</b> Rabbit, Cow, Human, Pig 
<b>Immunogen</b>	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	This antibody gave a positive signal in the following Tissue Lysates: Mouse Skeletal Muscle, Rat Heart, Rat Skeletal Muscle
<b>General notes</b>	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 6.97% L-Arginine
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal

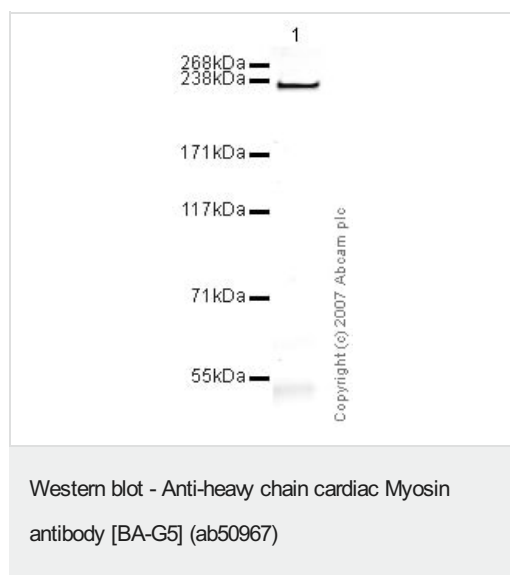
Clone number BA-G5  
Isotype IgG2b

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab50967 in the following tested applications.  
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (6)	Use a concentration of 1 - 5 µg/ml. Detects a band of approximately 223 kDa (predicted molecular weight: 223 kDa).

## Images



Anti-heavy chain cardiac Myosin antibody [BA-G5] (ab50967) at 5 µg/ml + Heart (Mouse) Tissue Lysate at 10 µg

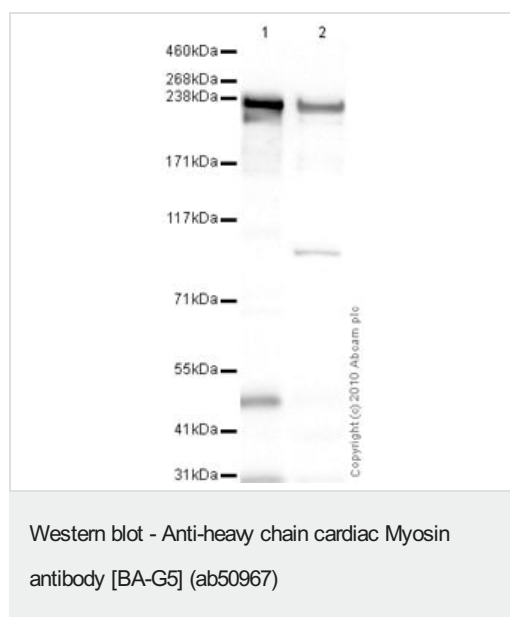
### Secondary

IRDye 680 Conjugated Goat Anti-Mouse IgG (H+L) at 1/10000 dilution

Performed under reducing conditions.

**Predicted band size:** 223 kDa

**Observed band size:** 223 kDa



**All lanes :** Anti-heavy chain cardiac Myosin antibody [BA-G5] (ab50967) at 1 µg/ml

**Lane 1 :** Heart (Rat) Tissue Lysate

**Lane 2 :** Skeletal Muscle (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 223 kDa

**Observed band size:** 223 kDa

**Additional bands at:** 48 kDa, 95 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 4 minutes

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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