

For Research Use Only

# TRIM72 Monoclonal antibody

Catalog Number: 67403-1-Ig



## Basic Information

<b>Catalog Number:</b> 67403-1-Ig	<b>GenBank Accession Number:</b> BC033211	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 760 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 493829	<b>CloneNo.:</b> 5F2C11
<b>Source:</b> Mouse	<b>Full Name:</b> tripartite motif-containing 72	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 477 aa, 53 kDa	
<b>Immunogen Catalog Number:</b> AG2560	<b>Observed MW:</b> 53 kDa	

## Applications

**Tested Applications:**  
FC, IF, WB, ELISA

**Species Specificity:**  
Human, pig, mouse

**Positive Controls:**

**WB :** HCT 116 cells, pig heart tissue, mouse skeletal muscle tissue, mouse heart tissue, pig skeletal muscle tissue

**IF :** mouse skeletal muscle tissue,

## Background Information

### Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

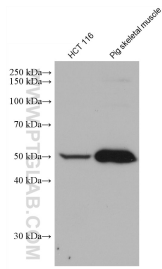
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

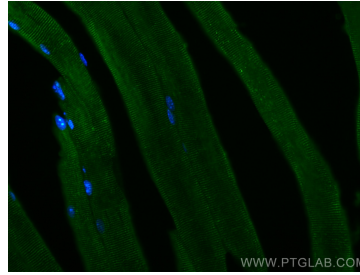
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

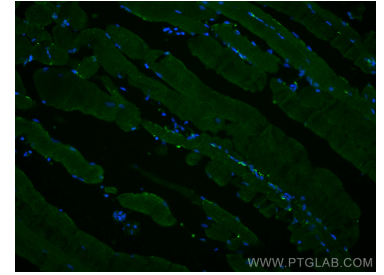
## Selected Validation Data



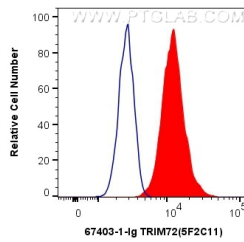
Various lysates were subjected to SDS PAGE followed by western blot with 67403-1-Ig (TRIM72 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using TRIM72 antibody (67403-1-Ig, Clone: 5F2C11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using TRIM72 antibody (67403-1-Ig, Clone: 5F2C11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10<sup>6</sup> C2C12 cells were intracellularly stained with 0.4 ug Anti-Human TRIM72 (67403-1-Ig, Clone:5F2C11) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).