

For Research Use Only

TRIM72 Monoclonal antibody

Catalog Number: 67403-1-Ig **1 Publications**



Basic Information

Catalog Number:

67403-1-Ig

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG2560

GenBank Accession Number:

BC033211

GeneID (NCBI):

493829

UNIPROT ID:

Q6ZMU5

Full Name:

tripartite motif-containing 72

Calculated MW:

477 aa, 53 kDa

Observed MW:

53 kDa

Purification Method:

Protein G purification

CloneNo.:

5F2C11

Recommended Dilutions:

WB: 1:1000-1:6000

IF-P: 1:200-1:800

FC (Intra): 0.40 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

WB, IF-P, FC (Intra), ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, pig

Cited Species:

mouse

Positive Controls:

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

IF-P : mouse skeletal muscle tissue,

FC (Intra) : C2C12 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Liwei Liao	40345073	Redox Biol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

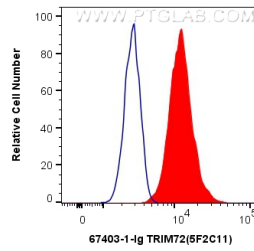
T: 4006900926

E: Proteintech-CN@ptglab.com

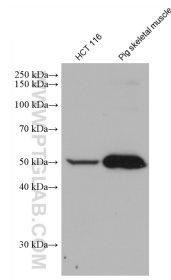
W: ptgcn.com

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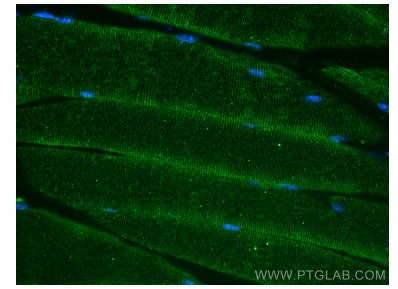
Selected Validation Data



1X10⁶ 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.



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 paraffin-embedded mouse skeletal muscle tissue using TRIM72 antibody (67403-1-Ig, Clone: 5F2C11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).