

For Research Use Only

# TPM3 Monoclonal antibody

Catalog Number: 68158-1-Ig



## Basic Information

Catalog Number:

68158-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28568

GenBank Accession Number:

BC008407

GeneID (NCBI):

7170

UNIPROT ID:

P06753

Full Name:

tropomyosin 3

Calculated MW:

33 kDa

Observed MW:

33-37 kDa

Purification Method:

Protein G purification

CloneNo.:

1F10B3

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:400-1:1600

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat, pig, rabbit

Positive Controls:

WB : pig heart tissue, U2OS cells, Rabbit heart tissue, Rat heart tissue, Mouse heart tissue

IF/ICC : C2C12 cells,

## Background Information

### Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

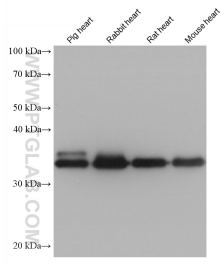
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

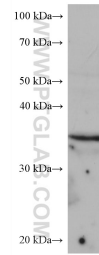
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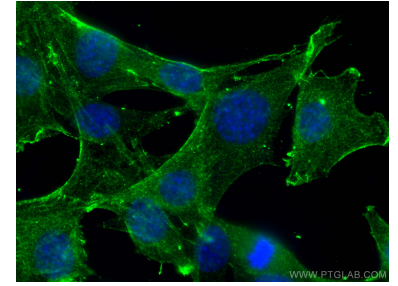
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68158-1-Ig (TPM3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



U2OS cells were subjected to SDS PAGE followed by western blot with 68158-1-Ig (TPM3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed C2C12 cells using TPM3 antibody (68158-1-Ig, Clone: 1F10B3 ) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).