For Research Use Only

TNNT1 Monoclonal antibody

Catalog Number:68631-1-lg



Basic Information

Catalog Number: 68631-1-lg Size: 1000 ug/ml Source: Mouse Isotype: IgG1 Immunogen Catalog Number: AG8919 GenBank Accession Number: BC022086 GeneID (NCBI): 7138 UNIPROT ID: P13805 Full Name: troponin T type 1 (skeletal, slow) Calculated MW: 252aa,27 kDa; 192aa,21 kDa Observed MW: 30-35 kDa

Purification Method: Protein A purification CloneNo.: 1B1D5 Recommended Dilutions: WB 1:5000-1:50000

IHC 1:500-1:2000 IF/ICC 1:500-1:2000

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA

Species Specificity: human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : rat skeletal muscle tissue, mouse skeletal muscle tissue

IHC : rat skeletal muscle tissue, mouse skeletal muscle tissue

IF/ICC : hTERT-RPE1 cells,

Background Information

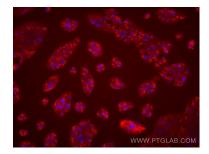
Storage

Storage:

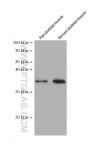
Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using TNNT1 antibody (68631-1-Ig, Clone: 1B1D5) at dilution of 1:1000 and MultirAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004).



Various lysates were subjected to SDS PAGE followed by western blot with 68631-1-Ig (TNNT1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded mouse skeletal muscle tissue slide using 68631-1-1g (TNNT1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded rat skeletal muscle tissue slide using 68631-1-1g (TNNT1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). Immunohistochemical analysis of paraffinembedded rat skeletal muscle tissue slide using 68631-1-1g (TNNT1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).