

PPM1B Monoclonal antibody

Catalog Number: 67647-1-Ig

Basic Information

Catalog Number: 67647-1-Ig	GenBank Accession Number: BC012002	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 503 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5495	CloneNo.: 2C7H2
Source: Mouse	Full Name: protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG1	Calculated MW: 479 aa, 53 kDa	
Immunogen Catalog Number: AG3871	Observed MW: 36, 53 kDa	

Applications

Tested Applications:

IHC, WB, 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 : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

IHC : human breast cancer tissue, mouse skeletal muscle tissue

Background Information

PPM1B can identify 4 isoforms with the WM of 36-55 kDa.

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

*** 20ul sizes contain 0.1% BSA

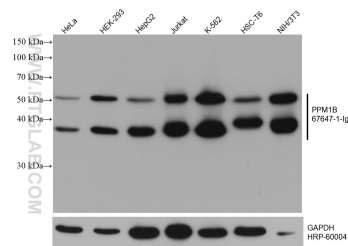
For technical support and original validation data for this product please contact:

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

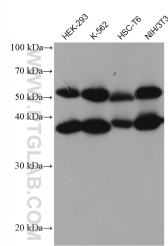
E: proteintech@ptglab.com
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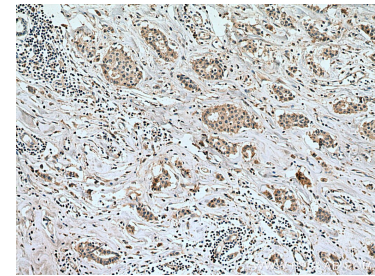
Selected Validation Data



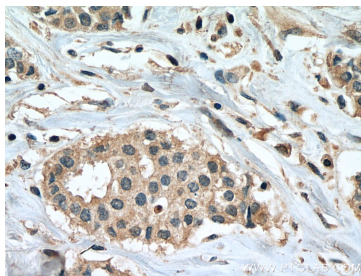
Various lysates were subjected to SDS PAGE followed by western blot with 67647-1-Ig (PPM1B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67647-1-Ig (PPM1B antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67647-1-Ig (PPM1B antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).