

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: 1600 µg/ml	GeneID (NCBI): 5495	CloneNo.: 2C7H2
Source: Mouse	UNIPROT ID: O75688	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG1	Full Name: protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform	
Immunogen Catalog Number: AG3871	Calculated MW: 479 aa, 53 kDa	
	Observed MW: 36, 53 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human breast cancer tissue, mouse skeletal muscle tissue

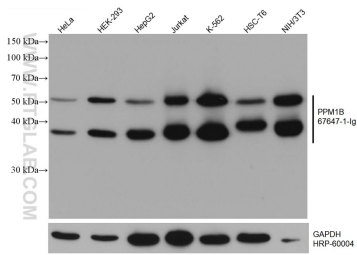
Background Information

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

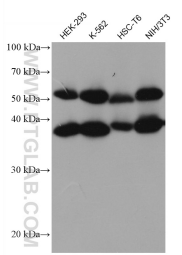
Storage

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

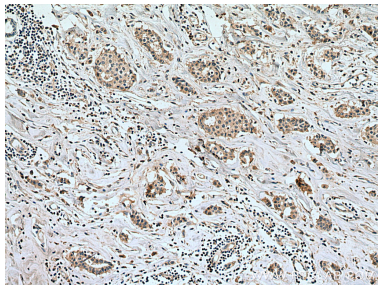
Selected Validation Data



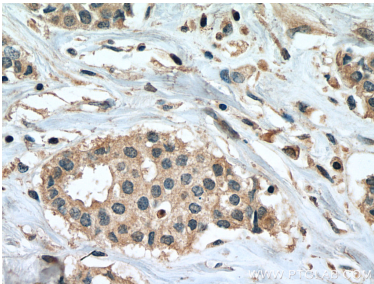
Various lysates were subjected to SDS PAGE followed by western blot with 67647-1-Ig (PPM1B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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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).