

For Research Use Only

PPM1F Monoclonal antibody

Catalog Number: 68626-1-Ig



Basic Information

Catalog Number: 68626-1-Ig	GenBank Accession Number: BC071989	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9647	CloneNo.: 2A2E8
Source: Mouse	Full Name: protein phosphatase 1F (PP2C domain containing)	Recommended Dilutions:
Isotype: IgG2a	Calculated MW: 453 aa, 50 kDa	
Immunogen Catalog Number: AG10316	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, ELISA
Species Specificity:
Human

Positive Controls:

WB : U2OS cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, human peripheral blood platelets

Background Information

Mg²⁺/Mn²⁺-dependent protein phosphatase 1F (PPM1F) belongs to the PP2C family of Ser/Thr protein phosphatases and is the critical enzyme responsible for dephosphorylating the threonine motif. PPM1F is ubiquitous in various tissues and organs (PMID: 26498692). High expression of PPM1F was positively associated with poor survival and tumor recurrence in patients with cancers and PPM1F might be a potential biomarker in HCC patients (PMID: 30470261).

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

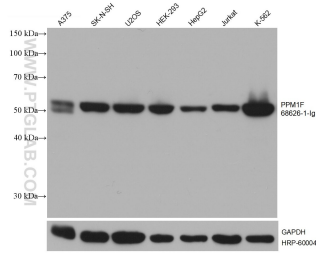
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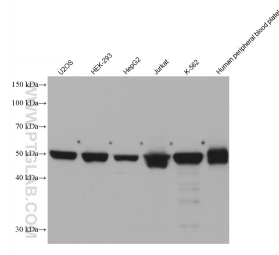
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68626-1-Ig (PPM1F antibody) at dilution of 1:20000 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.



Various lysates were subjected to SDS PAGE followed by western blot with 68626-1-Ig (PPM1F antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.