

For Research Use Only

PPM1F Monoclonal antibody

Catalog Number: 68626-1-Ig



Basic Information

Catalog Number:

68626-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG10316

GenBank Accession Number:

BC071989

GeneID (NCBI):

9647

UNIPROT ID:

P49593

Full Name:

protein phosphatase 1F (PP2C domain containing)

Calculated MW:

453 aa, 50 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

2A2E8

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : U2OS cells, A375 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

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

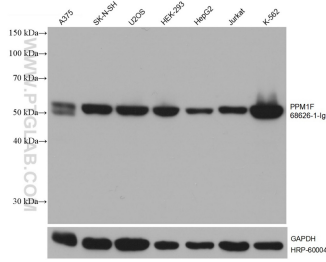
T: 4006900926

E: Proteintech-CN@ptglab.com

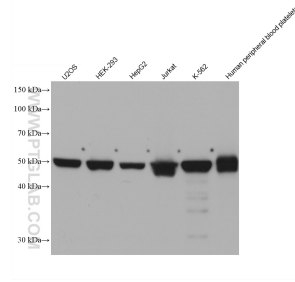
W: ptgcn.com

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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.