Recombinant PPM1G Monoclonal Antibody

catalog number: AN300229P

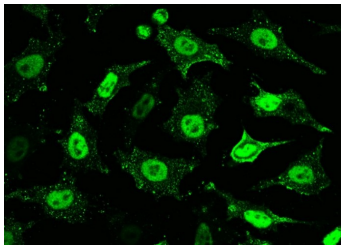
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

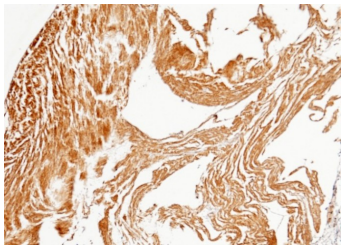
Reactivity	Human
Immunogen	Recombinant Human PPM1G protein
Host	Rabbit
Isotype	IgG
Clone	B147
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000
IHC-P	1:100-1:500
ICC/IF	1:20-1:100

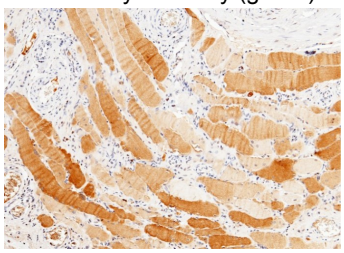
Data



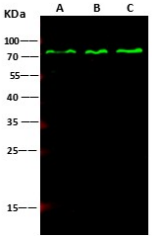
Immunofluorescence analysis of Human PPM1G in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human PPM1G Monoclonal Antibody (1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green).



Immunohistochemistry of paraffin-embedded human heart using PPM1G Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human epididymis using PPM1G Monoclonal Antibody at dilution of 1:200.



Western Blot with PPM1G Monoclonal Antibody at dilution of 1:500. Lane A: Hela Whole Cell Lysate, Lane B: 293T Whole Cell Lysate, Lane C: Jurkat Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:80 kDa

Calculated-MW:59 kDa

Preparation & Storage

Toll-free: 1-888-852-8623
Web: www.elabscience.com
Tel: 1-832-243-6086
Email: techsupport@elabscience.com
Fax: 1-832-243-6017

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP1C family members are known to be negative regulators of cell stress response pathways. This phosphatase is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors, which is important for the formation of functional spliceosome. Studies of a similar gene in mice suggested a role of this phosphatase in regulating cell cycle progression.

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