

# PPM1G rabbit monoclonal antibody

Catalog # H00005496-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human PPM1G peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human PPM1G is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human PPM1G peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — PPM1G

Entrez GeneID	<a href="#">5496</a>
GeneBank Accession#	<a href="#">PPM1G</a>
Gene Name	PPM1G
Gene Alias	MGC1675, MGC2870, PP2CG, PP2CGAMMA, PPP2CG
Gene Description	protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform
Omim ID	<a href="#">605119</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C 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. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000123426 PP2C, gamma protein phosphatase 1C protein phosphatase 1G protein phosphatase 2, catalytic subunit, gamma isoform protein phosphatase 2C gamma isoform protein phosphatase magnesium-dependent 1 gamma

## Disease

- [Alcoholism](#)
- [Conduct Disorder](#)