

# Product Datasheet

## PP2C gamma/PPM1G Antibody (JE64-91) NBP3-32844

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP3-32844**

PP2C gamma/PPM1G Antibody (JE64-91)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE64-91
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	59 kDa

Product Description	
Description	Novus Biologicals Rabbit PP2C gamma/PPM1G Antibody (JE64-91) (NBP3-32844) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5496
Gene Symbol	PPM1G
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human PP2C gamma/PPM1G aa 301-500/546. (Uniprot: O15355)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:100-1:400



## Images

Western Blot: PP2C gamma/PPM1G Antibody (JE64-91) [NBP3-32844] - Western blot analysis of PP2C gamma/PPM1G on different lysates with Rabbit anti-PP2C gamma/PPM1G antibody (NBP3-32844) at 1/500 dilution.

Lane 1: 293T cell lysate, 10 ug/Lane  
Lane 2: Jurkat cell lysate, 10 ug/Lane  
Lane 3: Rat testis tissue lysate, 20 ug/Lane

Predicted band size: 59 kDa  
Observed band size: 70 kDa

Exposure time: 2 minutes;

8% SDS-PAGE gel.

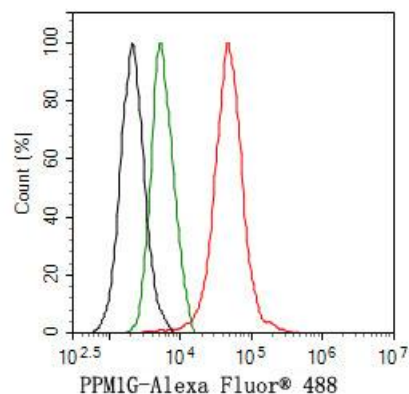
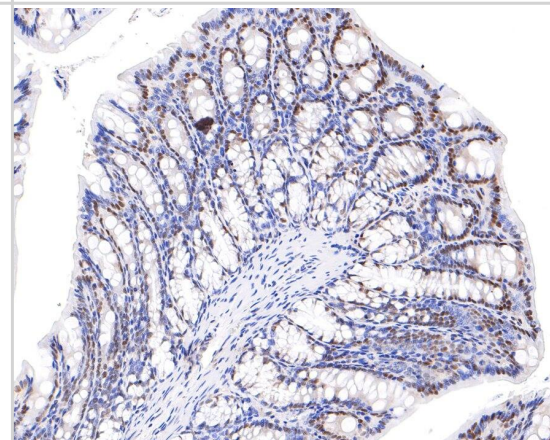
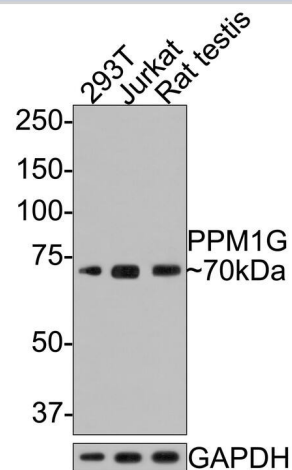
Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32844) at 1/500 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: PP2C gamma/PPM1G Antibody (JE64-91) [NBP3-32844] - Immunohistochemical analysis of paraffin-embedded rat large intestine tissue with Rabbit anti-PP2C gamma/PPM1G antibody (NBP3-32844) at 1/100 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32844) at 1/100 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Flow Cytometry: PP2C gamma/PPM1G Antibody (JE64-91) [NBP3-32844] - Flow cytometric analysis of HepG2 cells labeling PP2C gamma/PPM1G.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32844, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a Alexa Fluor® 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-32844**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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