

# Product Datasheet

## PPM1D Antibody (4D1) - Azide and BSA Free H00008493-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00008493-M01**

PPM1D Antibody (4D1) - Azide and BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 mg                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                     |
| Clonality           | Monoclonal                                                                                                       |
| Clone               | 4D1                                                                                                              |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG1 Kappa                                                                                                       |
| Purity              | IgG purified                                                                                                     |
| Buffer              | In 1x PBS, pH 7.4                                                                                                |

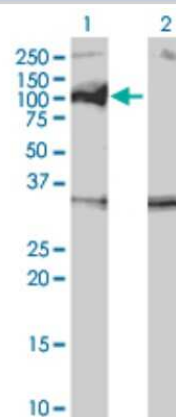
| Product Description     |                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                                        |
| Host                    | Mouse                                                                                                                                                                                                                                       |
| Gene ID                 | 8493                                                                                                                                                                                                                                        |
| Gene Symbol             | PPM1D                                                                                                                                                                                                                                       |
| Species                 | Human                                                                                                                                                                                                                                       |
| Specificity/Sensitivity | PPM1D - protein phosphatase 1D magnesium-dependent, delta isoform                                                                                                                                                                           |
| Immunogen               | PPM1D (NP_003611, 496 a.a. ~ 605 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>IGLVPTNSTNTVMDQKNLKMSTPGQMKAQEIERTPPTNFKRTLEESNSGPLMK<br>KRRRNGLSRSSGAQPASLPTTSQRKNSVKLTMRRLRGQKKIGNPLLHQHRK<br>TVCVC |
| Notes                   | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                          |

| Product Application Details |                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Sandwich ELISA                                                                        |
| Recommended Dilutions       | Western Blot, ELISA, Sandwich ELISA                                                                        |
| Application Notes           | Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA. |

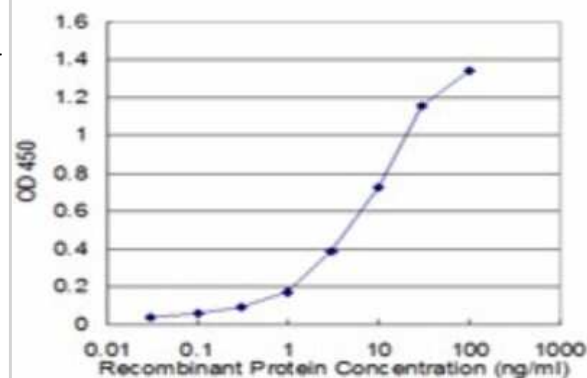


## Images

Western Blot: PPM1D Antibody (4D1) [H00008493-M01] - Analysis of PPM1D expression in transfected 293T cell line by PPM1D monoclonal antibody (M01), clone 4D1. Lane 1: PPM1D transfected lysate(66.7 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: PPM1D Antibody (4D1) [H00008493-M01] - Detection limit for recombinant GST tagged PPM1D is approximately 0.1ng/ml as a capture antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to H00008493-M01**

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|                   |                                                         |
|-------------------|---------------------------------------------------------|
| HAF007            | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B           | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg  | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| NBP2-51998-0.05mg | Recombinant Human PPM1D His Protein                     |

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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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