

# Product Datasheet

## PP2C alpha/PPM1A Antibody (p6c7) - BSA Free NBP1-04333

Unit Size: 0.1 ml

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

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**NBP1-04333**

PP2C alpha/PPM1A Antibody (p6c7) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	p6c7
Preservative	0.02% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 10% Glycerol
Target Molecular Weight	42 kDa

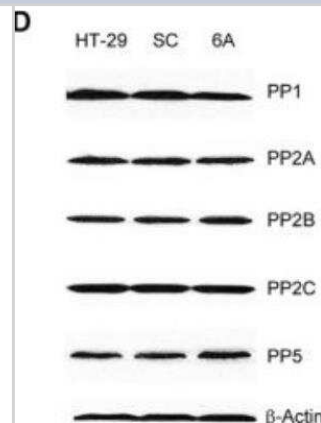
Product Description	
Description	Novus Biologicals Mouse PP2C alpha/PPM1A Antibody (p6c7) - BSA Free (NBP1-04333) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-PP2C alpha/PPM1A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5494
Gene Symbol	PPM1A
Species	Human
Immunogen	Recombinant human PP2C alpha/PPM1A (1-382aa) purified from E. coli (NP_066283).

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:250-1:1000, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence

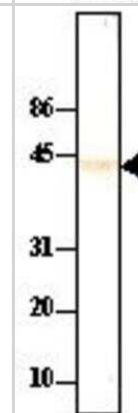


## Images

Western Blot: PP2C alpha/PPM1A Antibody (p6c7) [NBP1-04333] - Effect of NOX1 knockdown on phosphatase activity and expression in HT-29 cells. Western analysis demonstrates the protein expression and phosphorylation status of several members of the protein-tyrosine and serine/threonine phosphatase families, respectively, in HT-29, SC, and 6A cells. As described under "Experimental procedures," the band intensities have been quantitated; comparisons were made between parental HT-29 cells, the SC scrambled controls, and the 6A knockdown clones. Each intensity calculation is the mean  $\pm$  S.D. of 2-7 individual experiments. Image collected and cropped by CiteAb from the following publication (<https://www.jbc.org/lookup/doi/10.1074/jbc.M116.768283>) licensed under a CC-BY license.



Western Blot: PP2C alpha/PPM1A Antibody (p6c7) [NBP1-04333] - Mouse liver cytosol extract was resolved by electrophoresis, transferred to PVDF membrane and probed with anti-PP2Calpha(1:250). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and a DAP detection system. Arrow indicates PP2Calpha (~43kDa).



## Publications

Juhasz A, Markel S, Gaur S et al. NADPH Oxidase 1 Supports Proliferation of Colon Cancer Cells by Modulating Reactive Oxygen Species-Dependent Signal Transduction. *J. Biol. Chem.* 2017-03-22 [PMID: 28330872] (WB, Human)



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### Products Related to NBP1-04333

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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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