

# Product Datasheet

## PPP1R7 Antibody (OTI4F9)

### NBP1-47924

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-47924**

PPP1R7 Antibody (OTI4F9)

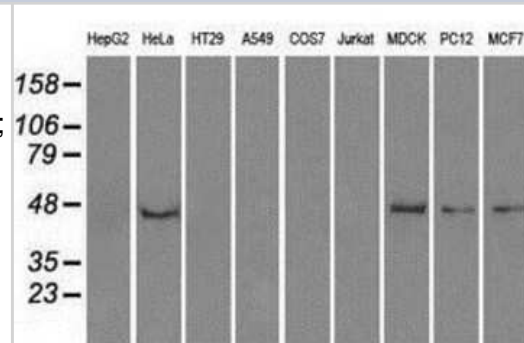
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4F9
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	41.4 kDa

Product Description	
Host	Mouse
Gene ID	5510
Gene Symbol	PPP1R7
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This antibody is specific for Homo sapiens protein phosphatase 1, regulatory (inhibitor) subunit 7 (PPP1R7).
Immunogen	Full length human recombinant protein of human PPP1R7 (NP_002703) produced in HEK293T cell.

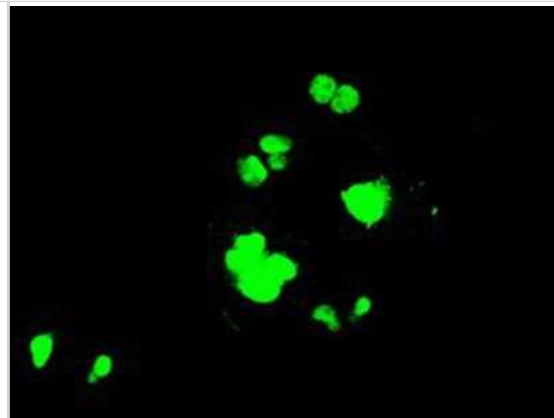
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunohistochemistry-Paraffin 1:50

**Images**

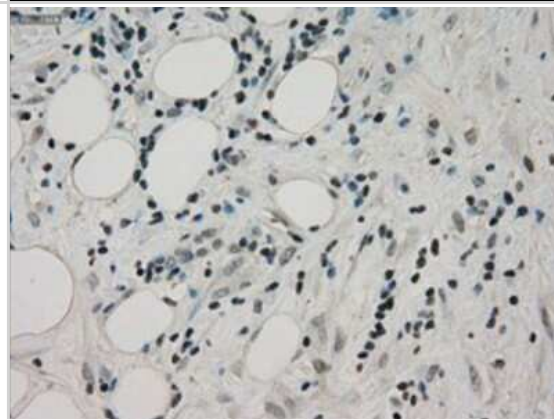
Western Blot: PPP1R7 Antibody (4F9) [NBP1-47924] Analysis of extracts (35ug) from 9 different cell lines by using anti-PPP1R7 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



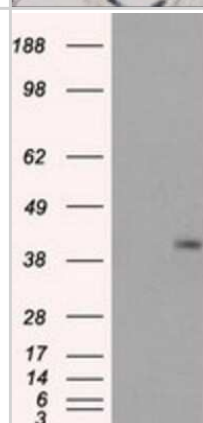
Immunocytochemistry/Immunofluorescence: PPP1R7 Antibody (4F9) [NBP1-47924] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PPP1R7.



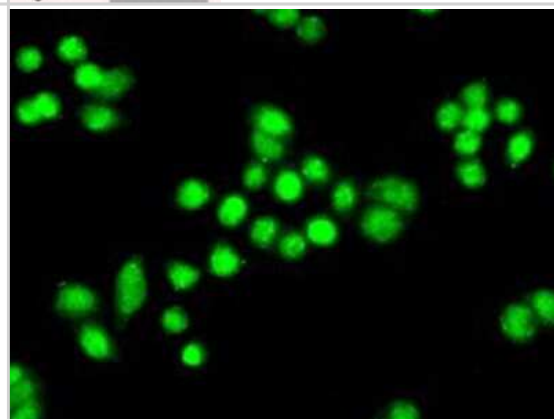
Immunohistochemistry-Paraffin: PPP1R7 Antibody (4F9) [NBP1-47924] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-PPP1R7 mouse monoclonal antibody.



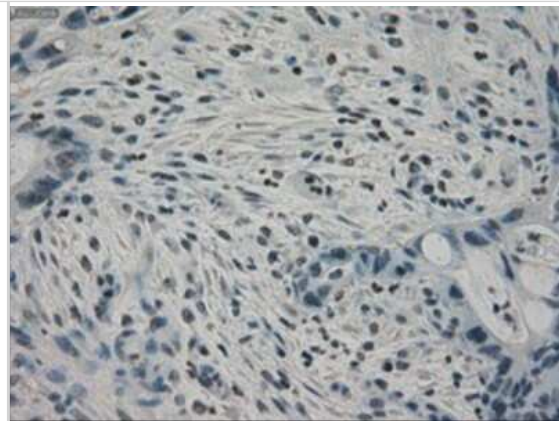
Western Blot: PPP1R7 Antibody (4F9) [NBP1-47924] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PPP1R7 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PPP1R7.



Immunocytochemistry/Immunofluorescence: PPP1R7 Antibody (4F9) [NBP1-47924] - Immunofluorescent staining of HT29 cells using anti-PPP1R7 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: PPP1R7 Antibody (4F9) [NBP1-47924] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-PPP1R7 mouse monoclonal antibody.





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### **Products Related to NBP1-47924**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00005510-P01-10ug	Recombinant Human PPP1R7 GST (N-Term) Protein

### **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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