

# Product Datasheet

## PPP1R7 Antibody (OTI4F9) - Azide and BSA Free NBP2-73586

Unit Size: 100 ug

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

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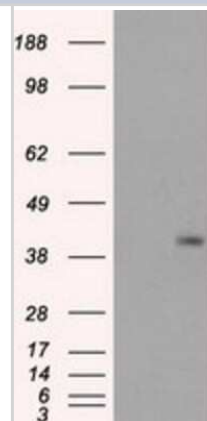
**NBP2-73586**

PPP1R7 Antibody (OTI4F9) - Azide and BSA Free

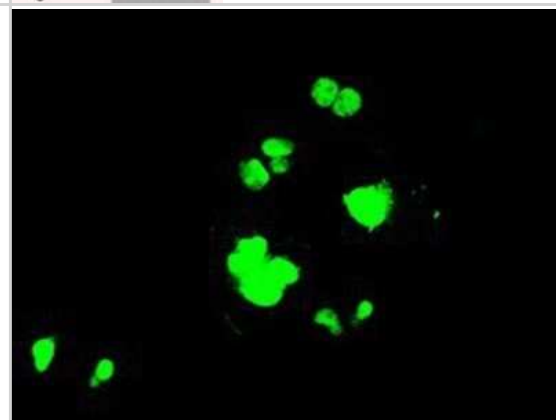
| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 100 ug  |
| Concentration               | LYOPH mg/ml   |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.  |
| Clonality                   | Monoclonal  |
| Clone                       | OTI4F9  |
| Preservative                | No Preservative   |
| Reconstitution Instructions | we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.  |
| Isotype                     | IgG1  |
| Purity                      | Immunogen affinity purified   |
| Buffer                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose   |
| Target Molecular Weight     | 41.4 kDa  |
| Product Description         |   |
| Description                 | Novus Biologicals Mouse PPP1R7 Antibody (OTI4F9) - Azide and BSA Free (NBP1-47924) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| 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. |
| Immunogen                   | Full length human recombinant protein of human PPP1R7 (NP_002703) produced in HEK293T cell.   |
| Product Application Details |   |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry   |
| Recommended Dilutions       | Western Blot 1:2000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:50-100, Immunohistochemistry-Paraffin  |

## Images

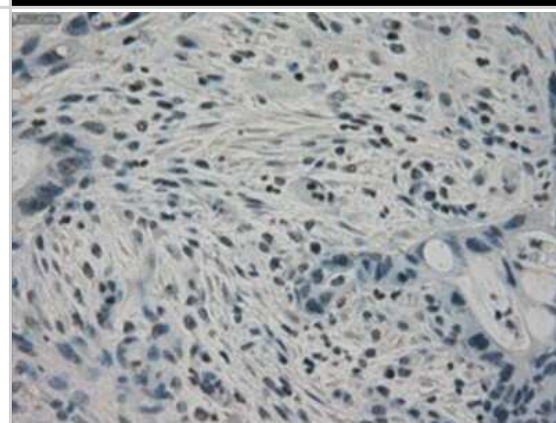
Western Blot: PPP1R7 Antibody (OTI4F9) - Azide and BSA Free [NBP2-73586] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PPP1R7 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PPP1R7.



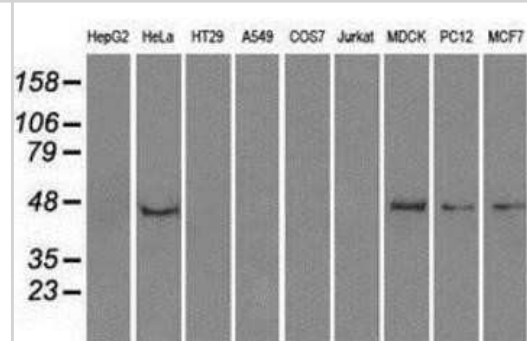
Immunocytochemistry/Immunofluorescence: PPP1R7 Antibody (OTI4F9) - Azide and BSA Free [NBP2-73586] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PPP1R7.



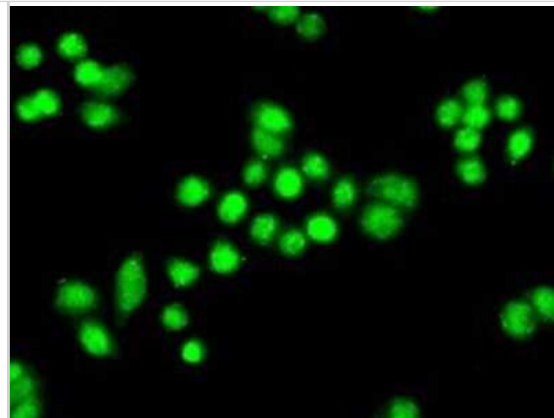
Immunohistochemistry: PPP1R7 Antibody (OTI4F9) - Azide and BSA Free [NBP2-73586] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-PPP1R7 mouse monoclonal antibody.



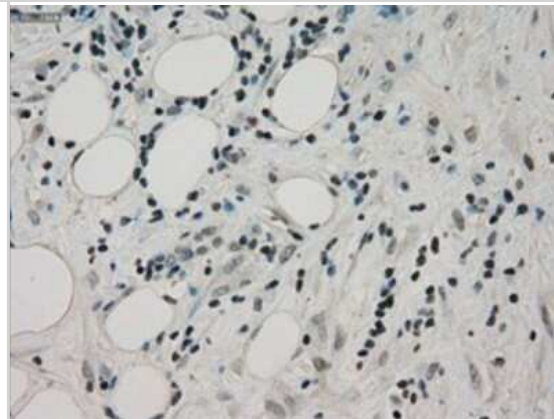
Western Blot: PPP1R7 Antibody (OTI4F9) - Azide and BSA Free [NBP2-73586] - Analysis of extracts (35ug) from 9 different cell lines by using anti-PPP1R7 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunocytochemistry/Immunofluorescence: PPP1R7 Antibody (OTI4F9) - Azide and BSA Free [NBP2-73586] - Staining of HT29 cells using anti-PPP1R7 mouse monoclonal antibody.



Immunohistochemistry: PPP1R7 Antibody (OTI4F9) - Azide and BSA Free [NBP2-73586] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-PPP1R7 mouse monoclonal antibody.





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### **Products Related to NBP2-73586**

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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] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                   |

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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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