

Product Datasheet

PTP1B/PTPN1 Antibody (OTI1D10) - Azide and BSA Free NBP2-73729

Unit Size: 100 ug

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

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NBP2-73729

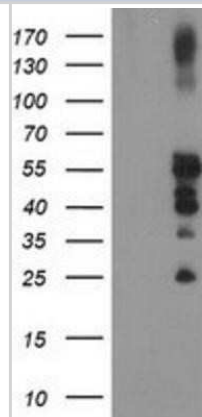
PTP1B/PTPN1 Antibody (OTI1D10) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1D10
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	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	49.8 kDa
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse PTP1B/PTPN1 Antibody (OTI1D10) - Azide and BSA Free (NBP2-01056) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5770
Gene Symbol	PTPN1
Species	Human, Rat, Canine, Primate, Monkey
Immunogen	Full length human recombinant protein of human PTPN1(NP_002818) produced in HEK293 cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready, Knockout Validated
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready, Knockout Validated

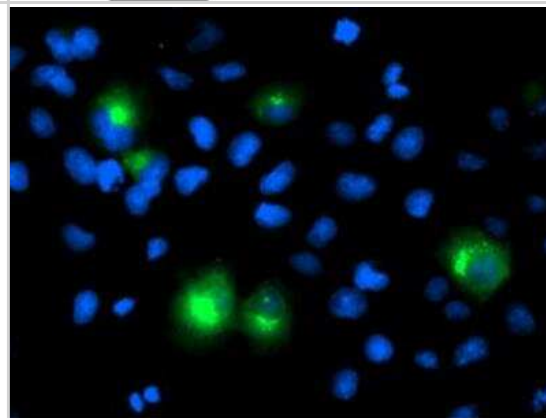


Images

Western Blot: PTP1B/PTPN1 Antibody (OTI1D10) - Azide and BSA Free [NBP2-73729] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PTPN1 (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-PTPN1.



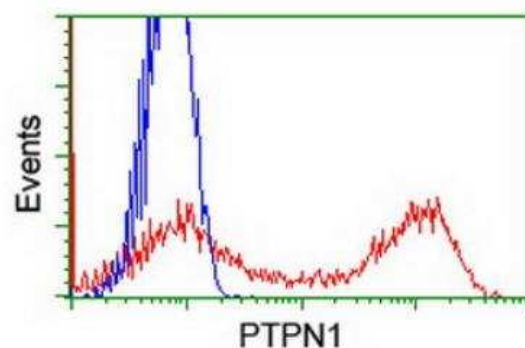
Immunocytochemistry/Immunofluorescence: PTP1B/PTPN1 Antibody (OTI1D10) - Azide and BSA Free [NBP2-73729] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PTPN1.



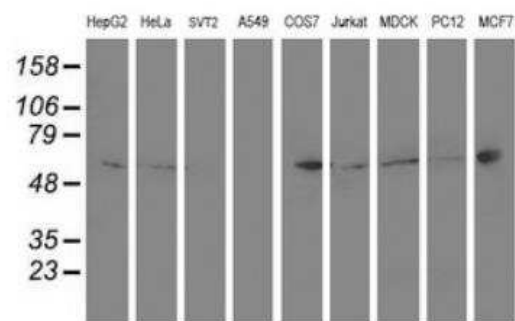
Immunohistochemistry-Paraffin: PTP1B/PTPN1 Antibody (OTI1D10) - Azide and BSA Free [NBP2-73729] - Staining of paraffin-embedded Human lymphoma tissue using anti-PTPN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



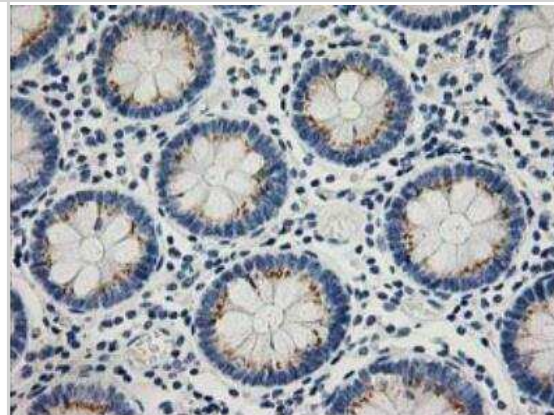
Flow Cytometry: PTP1B/PTPN1 Antibody (OTI1D10) - Azide and BSA Free [NBP2-73729] - HEK293T cells transfected with either RC204902 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PTPN1 antibody and then analyzed.



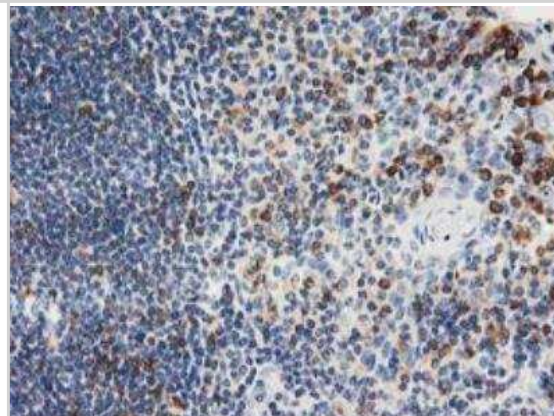
Western Blot: PTP1B/PTPN1 Antibody (OT11D10) - Azide and BSA Free [NBP2-73729] - Analysis of extracts (35ug) from 9 different cell lines by using anti-PTPN1 monoclonal antibody.



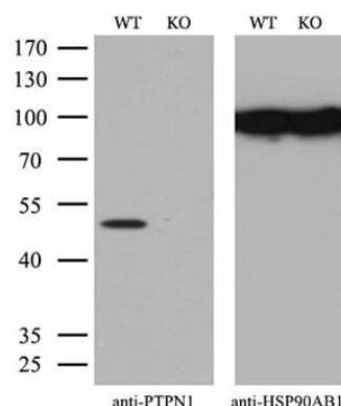
Immunohistochemistry-Paraffin: PTP1B/PTPN1 Antibody (OT11D10) - Azide and BSA Free [NBP2-73729] - Staining of paraffin-embedded Human colon tissue within the normal limits using anti-PTPN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



Immunohistochemistry-Paraffin: PTP1B/PTPN1 Antibody (OT11D10) - Azide and BSA Free [NBP2-73729] - Staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-PTPN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



Western Blot: PTP1B/PTPN1 Antibody (OT11D10) - Azide and BSA Free [NBP2-73729] - Equivalent amounts of cell lysates (10 ug per lane) of wild-type Hela cells (WT) and PTPN1-Knockout Hela cells (KO) were separated by SDS-PAGE and immunoblotted with anti-PTPN1 monoclonal antibody. Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody as a loading control.(1:500)F





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Products Related to NBP2-73729

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-87191PEP	PTP1B/PTPN1 Recombinant Protein Antigen

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