

Product Datasheet

PTP1B/PTPN1 Antibody (OT11D10) - Azide and BSA Free NBP2-73729

Unit Size: 100 ug

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

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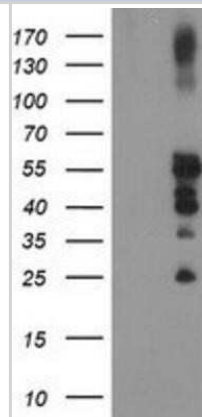
NBP2-73729**PTP1B/PTPN1 Antibody (OTI1D10) - Azide and BSA Free**

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

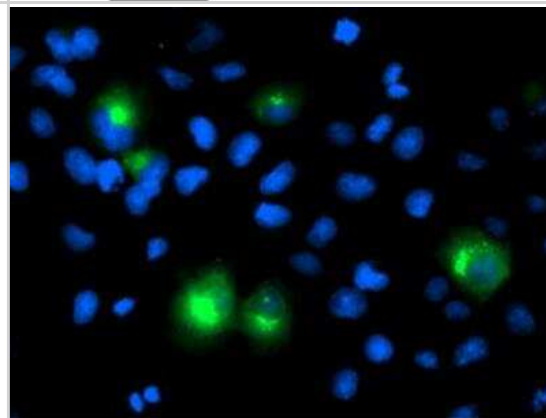


Images

Western Blot: PTP1B/PTPN1 Antibody (OT11D10) - 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.



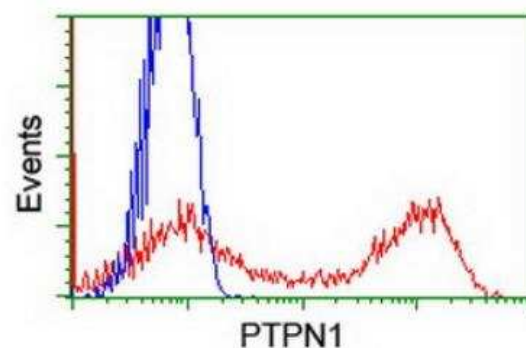
Immunocytochemistry/Immunofluorescence: PTP1B/PTPN1 Antibody (OT11D10) - Azide and BSA Free [NBP2-73729] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PTPN1.



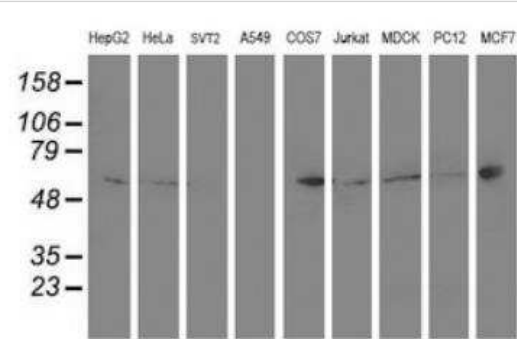
Immunohistochemistry-Paraffin: PTP1B/PTPN1 Antibody (OT11D10) - Azide and BSA Free [NBP2-73729] - Staining of paraffin-embedded Human lymphoma tissue using anti-PTPN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.)



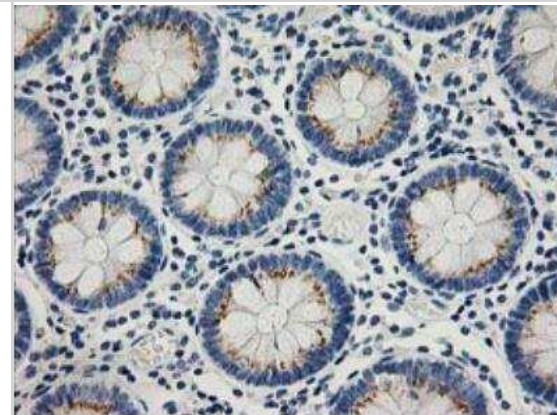
Flow Cytometry: PTP1B/PTPN1 Antibody (OT11D10) - Azide and BSA Free [NBP2-73729] - HEK293T cells transfected with either RC204902 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PTPN1 antibody and then analyzed.



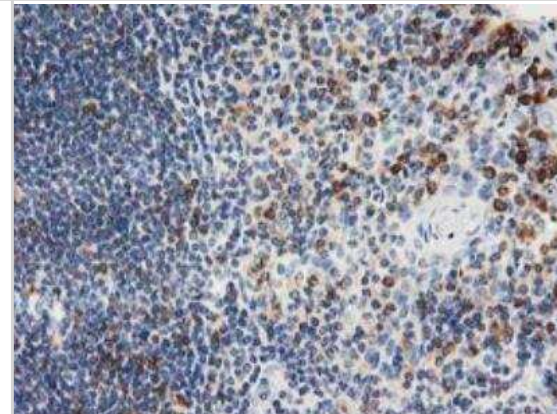
Western Blot: PTP1B/PTPN1 Antibody (OT11D10) - Azide and BSA Free [NBP2-73729] - Analysis of extracts (35ug) from 9 different cell lines by using anti-PTPN1 monoclonal antibody.



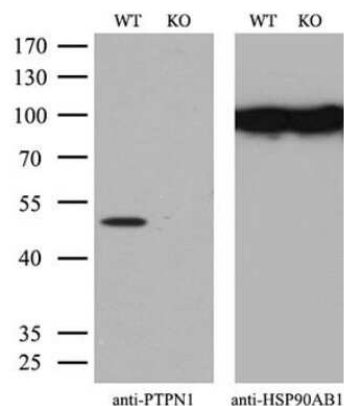
Immunohistochemistry-Paraffin: PTP1B/PTPN1 Antibody (OT11D10) - Azide and BSA Free [NBP2-73729] - Staining of paraffin-embedded Human colon tissue within the normal limits using anti-PTPN1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



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

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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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