

Product Datasheet

PTP1B/PTPN1 Antibody (OTI1D10) NBP2-01056

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-01056

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-01056



NBP2-01056

PTP1B/PTPN1 Antibody (OT11D10)

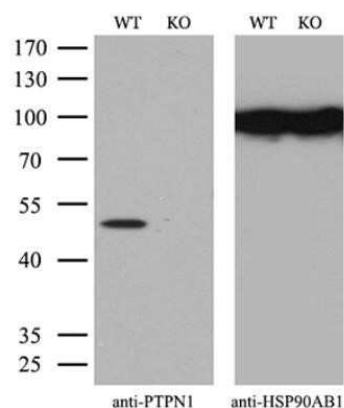
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11D10
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	49.8 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse PTP1B/PTPN1 Antibody (OT11D10) (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.

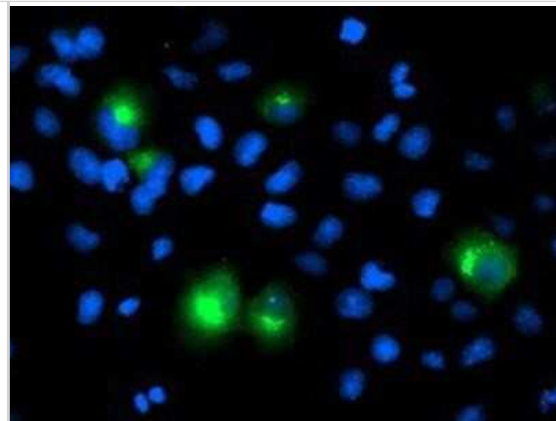
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150, Knockout Validated

Images

Western Blot: PTP1B/PTPN1 Antibody (OT11D10) [NBP2-01056] - 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). Image using the Azide and BSA Free format of this antibody.



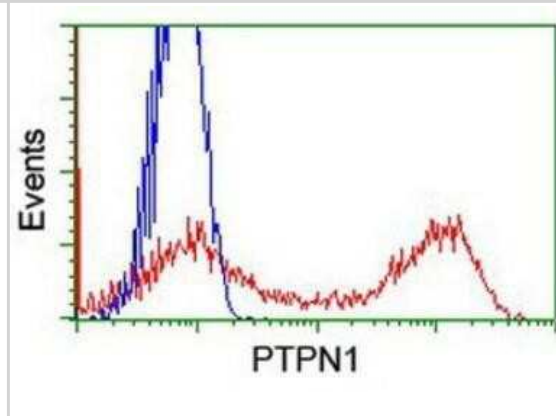
Immunocytochemistry/Immunofluorescence: PTP1B/PTPN1 Antibody (OT11D10) [NBP2-01056] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PTPN1.



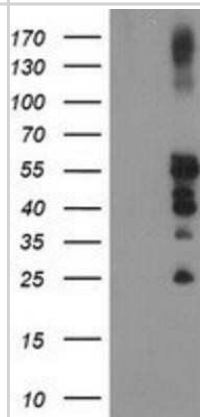
Immunohistochemistry-Paraffin: PTP1B/PTPN1 Antibody (OT11D10) [NBP2-01056] - Staining of paraffin-embedded Human Lymphoma tissue using anti-PTPN1 mouse monoclonal antibody.



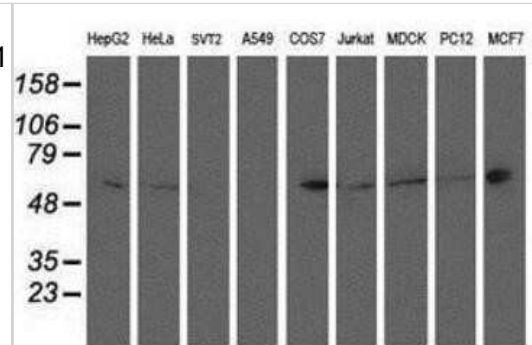
Flow Cytometry: PTP1B/PTPN1 Antibody (OT11D10) [NBP2-01056] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PTPN1 antibody, and then analyzed by flow cytometry.



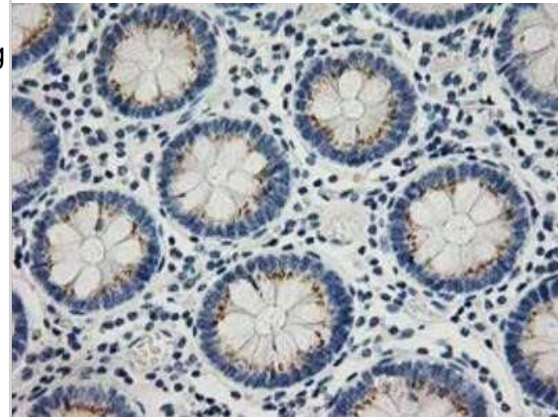
Western Blot: PTP1B/PTPN1 Antibody (OT11D10) [NBP2-01056] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PTPN1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PTPN1.



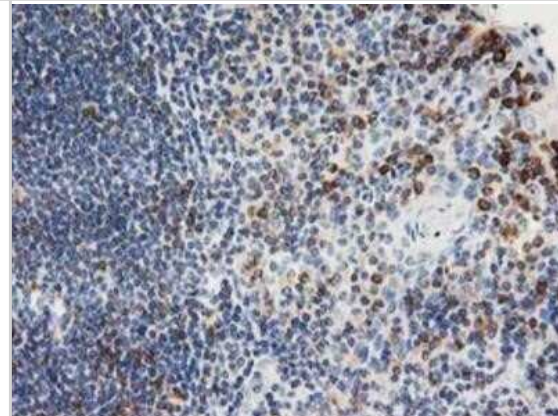
Western Blot: PTP1B/PTPN1 Antibody (OT11D10) [NBP2-01056] - Analysis of extracts (35ug) from 9 different cell lines by using anti-PTPN1 monoclonal antibody.



Immunohistochemistry-Paraffin: PTP1B/PTPN1 Antibody (OT11D10) [NBP2-01056] - Staining of paraffin-embedded Human colon tissue using anti-PTPN1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: PTP1B/PTPN1 Antibody (OT11D10) [NBP2-01056] - Staining of paraffin-embedded Human lymph node tissue using anti-PTPN1 mouse monoclonal antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-01056

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-01056

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

