

Product Datasheet

PIM2 Antibody (OTI5D5) - Azide and BSA Free NBP2-73412

Unit Size: 100 ug

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

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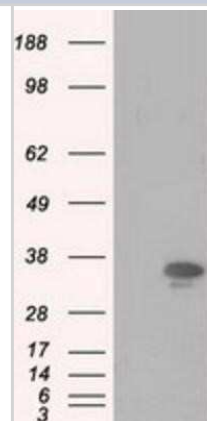
NBP2-73412

PIM2 Antibody (OTI5D5) - Azide and BSA Free

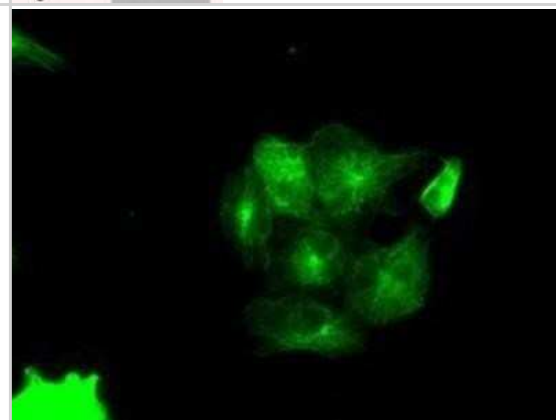
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI5D5
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To 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	34 kDa
Product Description	
Description	Novus Biologicals Mouse PIM2 Antibody (OTI5D5) - Azide and BSA Free (NBP2-02441) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	11040
Gene Symbol	PIM2
Species	Human, Mouse, Rat
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 PIM2 (NP_006866) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin, CyTOF-ready

Images

Western Blot: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PIM2 (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-PIM2.



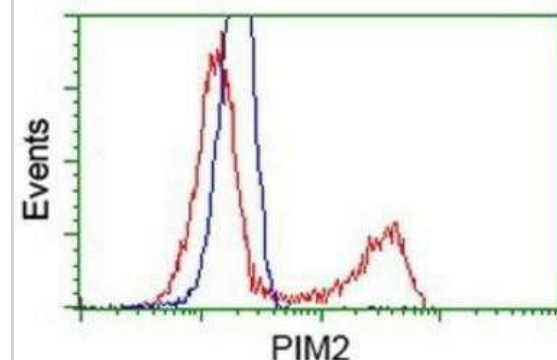
Immunocytochemistry/Immunofluorescence: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PIM2.



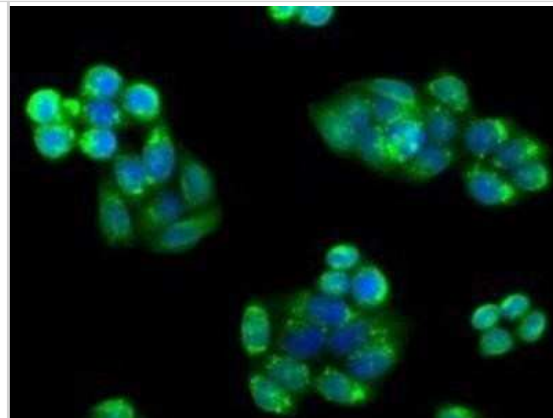
Immunohistochemistry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of paraffin-embedded Human prostate tissue using anti-PIM2 mouse monoclonal antibody.



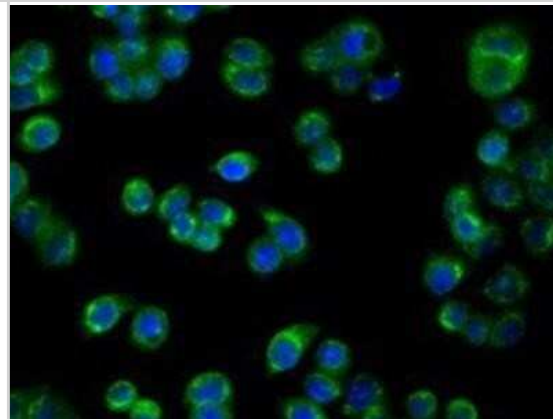
Flow Cytometry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-PIM2 antibody, and then analyzed by flow cytometry.



Immunocytochemistry/Immunofluorescence: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of HeLa cells using anti-PIM2 mouse monoclonal antibody.



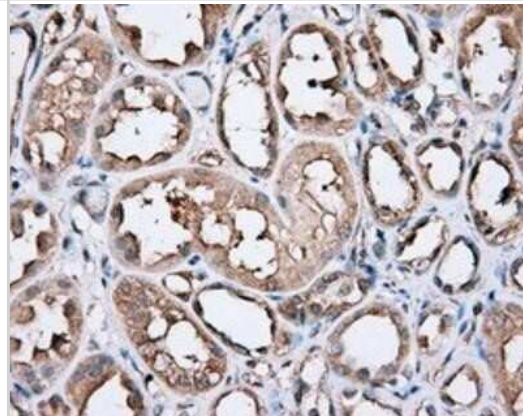
Immunocytochemistry/Immunofluorescence: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of HT29 cells using anti-PIM2 mouse monoclonal antibody.



Immunohistochemistry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-PIM2 mouse monoclonal antibody.



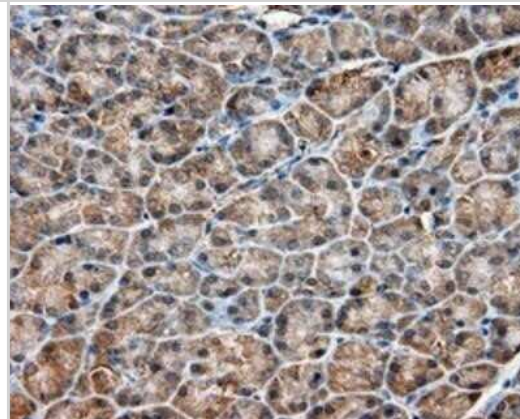
Immunohistochemistry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of paraffin-embedded Human Kidney tissue using anti-PIM2 mouse monoclonal antibody.



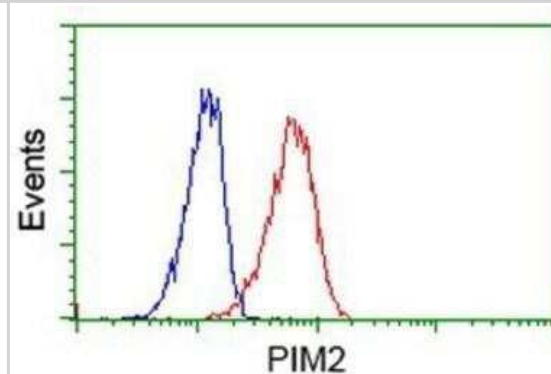
Immunohistochemistry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of paraffin-embedded Human liver tissue using anti-PIM2 mouse monoclonal antibody.



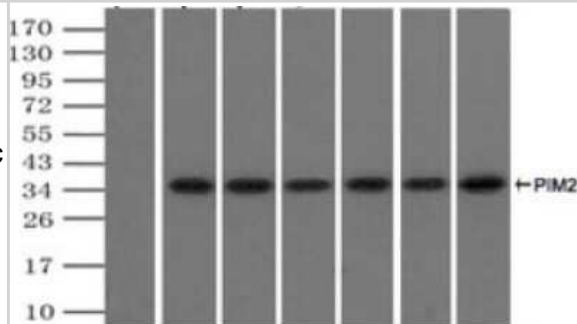
Immunohistochemistry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of paraffin-embedded Human pancreas tissue using anti-PIM2 mouse monoclonal antibody.



Flow Cytometry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Analysis of Jurkat cells, using anti-PIM2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Immunoprecipitation: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - (Negative control: IP without adding anti-PIM2 antibody.). For each experiment, 500ul of DDK tagged PIM2 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-PIM2 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal 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 NBP2-73412

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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