

# Product Datasheet

## PIM2 Antibody (OTI5D5) NBP2-02441

Unit Size: 0.1 ml

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

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**NBP2-02441**

PIM2 Antibody (OTI5D5)

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.54 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI5D5
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	34 kDa

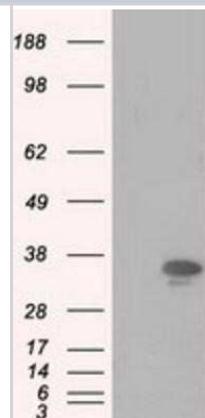
Product Description	
<b>Description</b>	Novus Biologicals Mouse PIM2 Antibody (OTI5D5) (NBP2-02441) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	11040
<b>Gene Symbol</b>	PIM2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	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.
<b>Immunogen</b>	Full length human recombinant protein of human PIM2 (NP_006866) produced in HEK293T cell.

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin 1:50

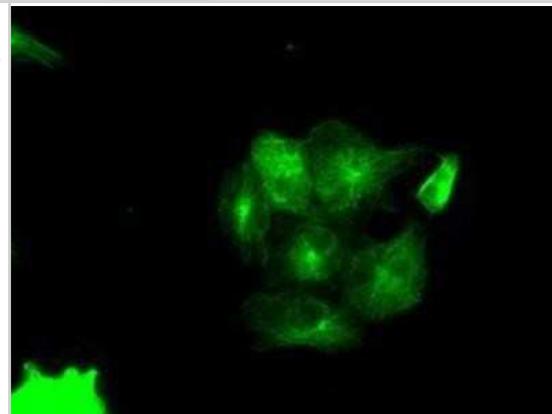


## Images

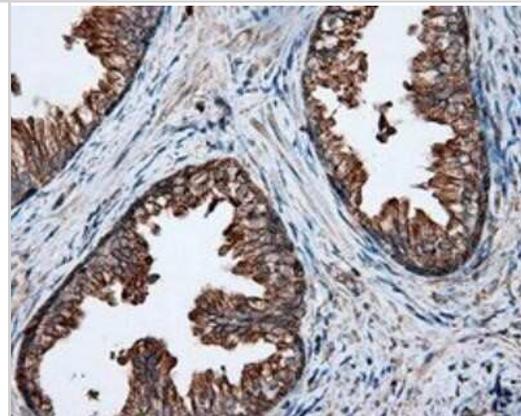
Western Blot: PIM2 Antibody (OTI5D5) [NBP2-02441] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PIM2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PIM2.



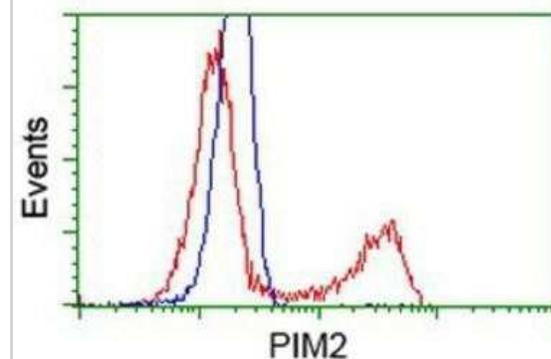
Immunocytochemistry/Immunofluorescence: PIM2 Antibody (OTI5D5) [NBP2-02441] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PIM2.



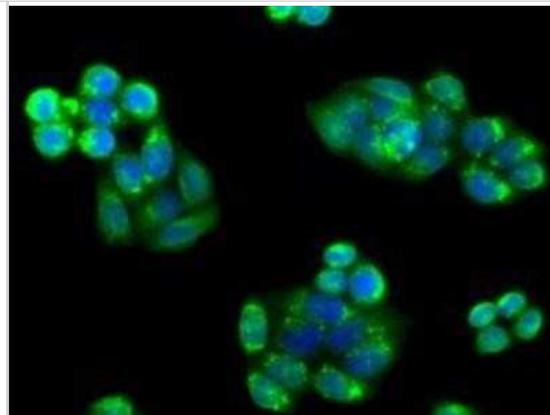
Immunohistochemistry-Paraffin: PIM2 Antibody (OTI5D5) [NBP2-02441] - Staining of paraffin-embedded Human prostate tissue using anti-PIM2 mouse monoclonal antibody.



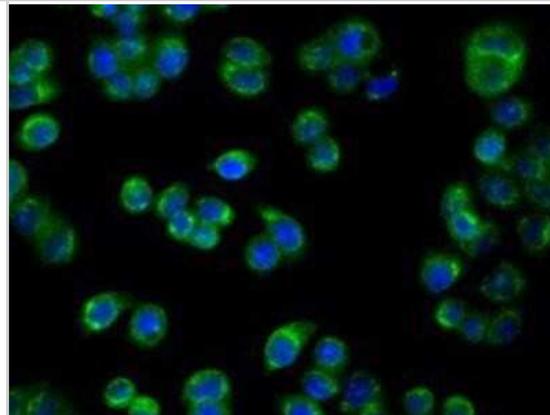
Flow Cytometry: PIM2 Antibody (OTI5D5) [NBP2-02441] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PIM2 antibody, and then analyzed by flow cytometry.



Immunocytochemistry/Immunofluorescence: PIM2 Antibody (OTI5D5) [NBP2-02441] - Immunofluorescent staining of HeLa cells using anti-PIM2 mouse monoclonal antibody.



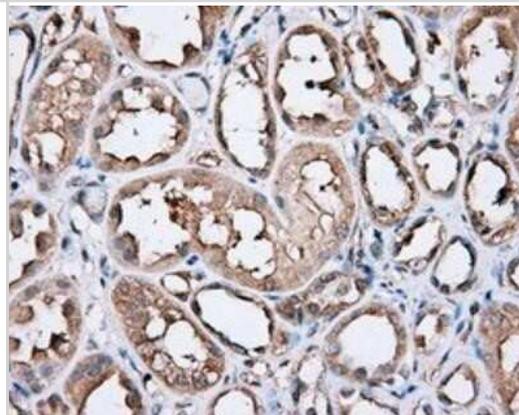
Immunocytochemistry/Immunofluorescence: PIM2 Antibody (OTI5D5) [NBP2-02441] - Immunofluorescent staining of HT29 cells using anti-PIM2 mouse monoclonal antibody.



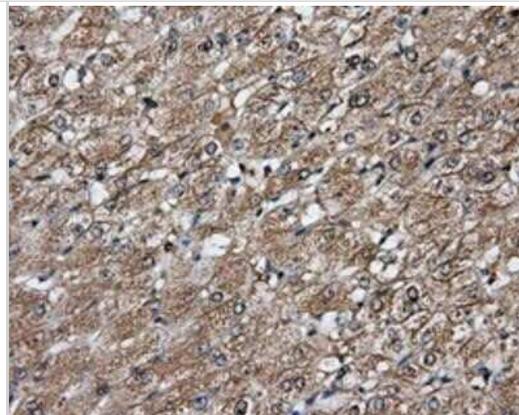
Immunohistochemistry-Paraffin: PIM2 Antibody (OTI5D5) [NBP2-02441] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-PIM2 mouse monoclonal antibody.



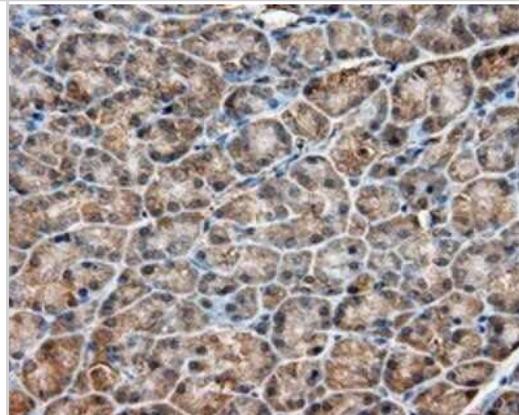
Immunohistochemistry-Paraffin: PIM2 Antibody (OTI5D5) [NBP2-02441] - Staining of paraffin-embedded Human Kidney tissue using anti-PIM2 mouse monoclonal antibody.



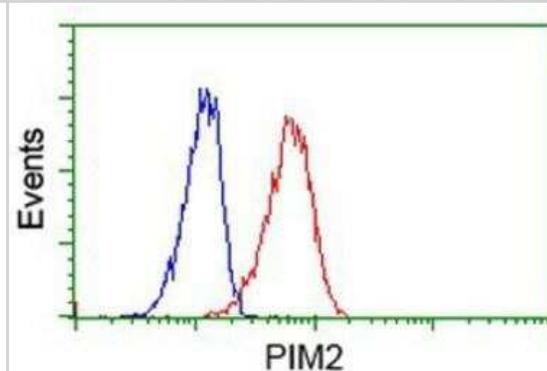
Immunohistochemistry-Paraffin: PIM2 Antibody (OTI5D5) [NBP2-02441]  
- Staining of paraffin-embedded Human liver tissue using anti-PIM2 mouse monoclonal antibody.



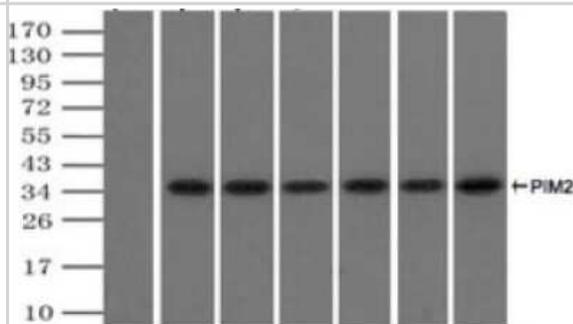
Immunohistochemistry-Paraffin: PIM2 Antibody (OTI5D5) [NBP2-02441]  
- Staining of paraffin-embedded Human pancreas tissue using anti-PIM2 mouse monoclonal antibody.



Flow Cytometry: PIM2 Antibody (OTI5D5) [NBP2-02441] - Analysis of Jurkat cells, using anti-PIM2 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Immunoprecipitation: PIM2 Antibody (OTI5D5) [NBP2-02441] - (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.





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### **Products Related to NBP2-02441**

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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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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