

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

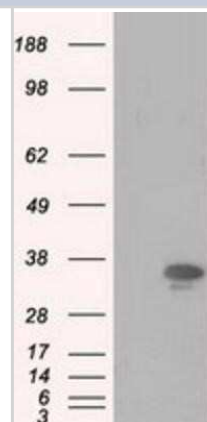
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI5D5
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with PBS (pH 7.3). To use this carrier-free antibody for conjugation experiments, another round of desalting is highly recommended.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	34 kDa

Product Description	
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.

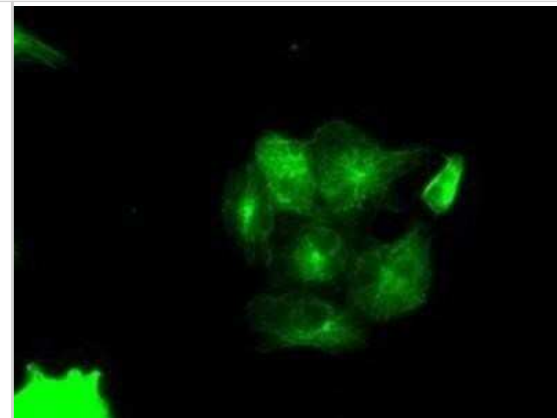
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100,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

Images

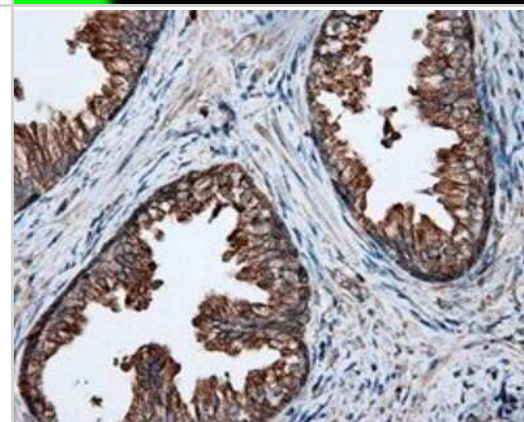
Western Blot: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PIM2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PIM2.



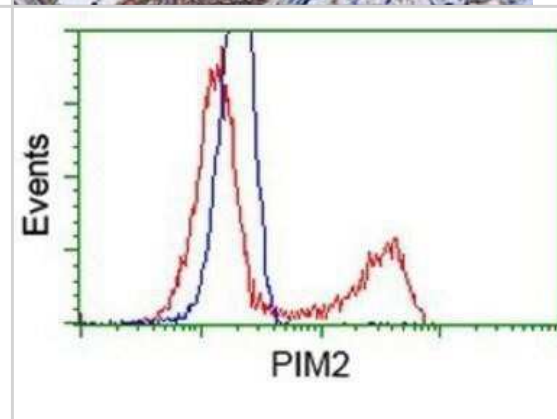
Immunocytochemistry/Immunofluorescence: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PIM2.



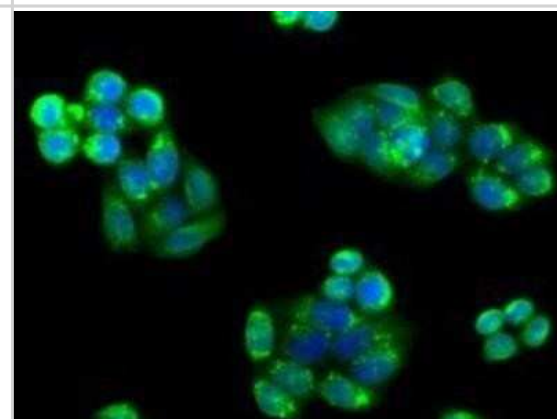
Immunohistochemistry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of paraffin-embedded Human prostate tissue using anti-PIM2 mouse monoclonal antibody.



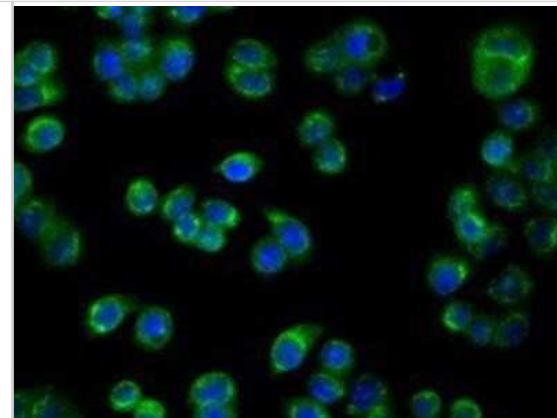
Flow Cytometry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-PIM2 antibody, and then analyzed by flow cytometry.



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



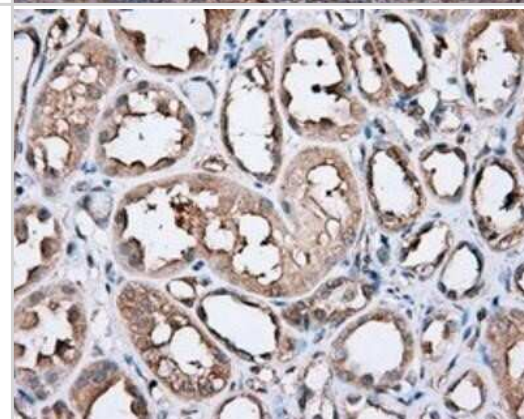
Immunocytochemistry/Immunofluorescence: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of HT29 cells using anti-PIM2 mouse monoclonal antibody.



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.



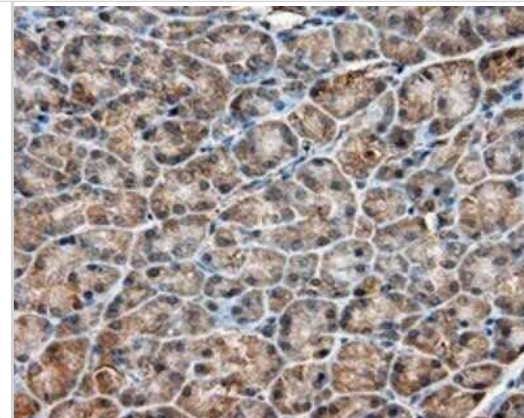
Immunohistochemistry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of paraffin-embedded Human Kidney tissue using anti-PIM2 mouse monoclonal antibody.



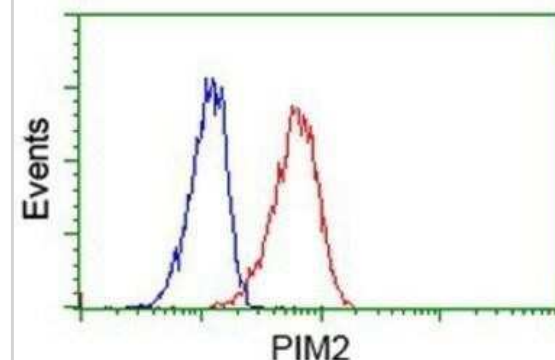
Immunohistochemistry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of paraffin-embedded Human liver tissue using anti-PIM2 mouse monoclonal antibody.



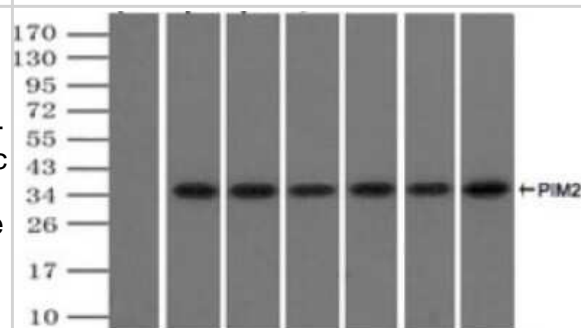
Immunohistochemistry: PIM2 Antibody (OTI5D5) - Azide and BSA Free [NBP2-73412] - Staining of paraffin-embedded Human pancreas tissue using anti-PIM2 mouse monoclonal antibody.



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.





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Products Related to NBP2-73412

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)
NBP2-51711-0.05mg	Recombinant Human PIM2 His Protein

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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