

# Product Datasheet

## PADI4 Antibody (OTI4H5) - Azide and BSA Free NBP2-73226

Unit Size: 100 ug

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

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**NBP2-73226**

PADI4 Antibody (OTI4H5) - Azide and BSA Free

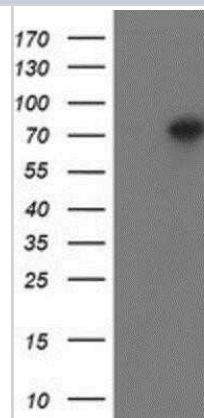
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4H5
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To 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	73.9 kDa

Product Description	
Host	Mouse
Gene ID	23569
Gene Symbol	PADI4
Species	Human
Immunogen	Full length human recombinant protein of human PADI4(NP_036519) produced in HEK293T cell.

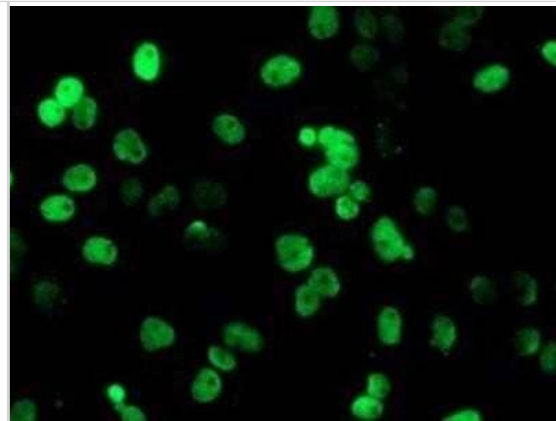
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence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

**Images**

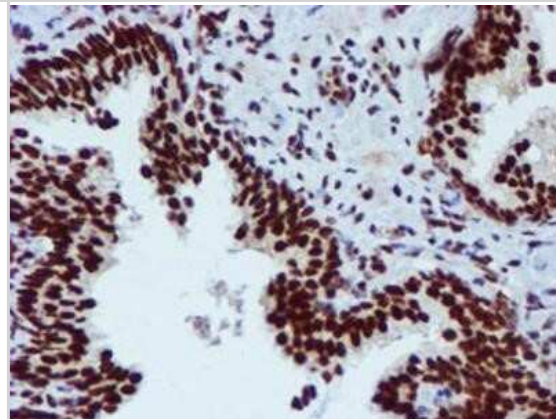
Western Blot: PADI4 Antibody (OTI4H5) - Azide and BSA Free [NBP2-73226] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PAD4 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PAD4.



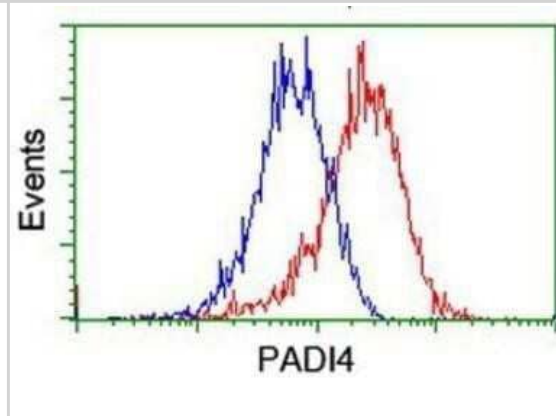
Immunocytochemistry/Immunofluorescence: PADI4 Antibody (OTI4H5) - Azide and BSA Free [NBP2-73226] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PAD4.



Immunohistochemistry: PADI4 Antibody (OTI4H5) - Azide and BSA Free [NBP2-73226] - Staining of paraffin-embedded Human prostate tissue using anti-PAD4 mouse monoclonal antibody.



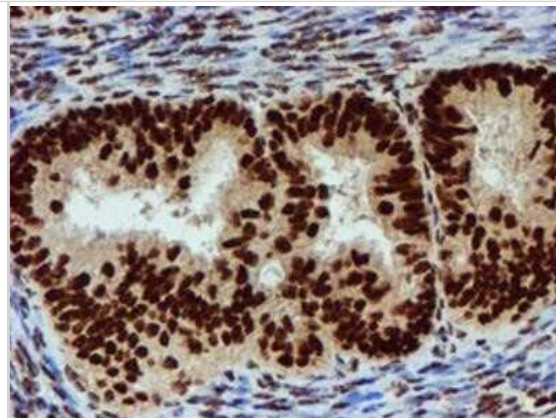
Flow Cytometry: PADI4 Antibody (OTI4H5) - Azide and BSA Free [NBP2-73226] - Analysis of Hela cells, using anti-PAD4 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



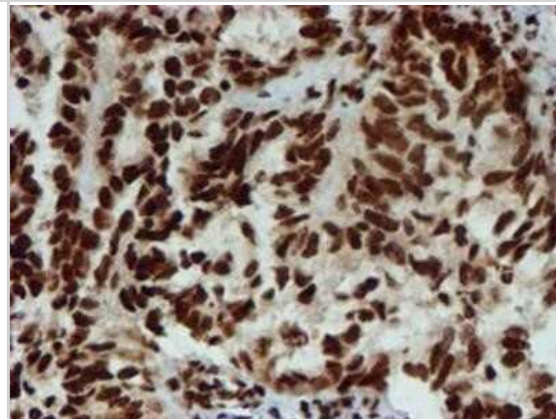
Immunohistochemistry: PADI4 Antibody (OTI4H5) - Azide and BSA Free [NBP2-73226] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PAD4 mouse monoclonal antibody.



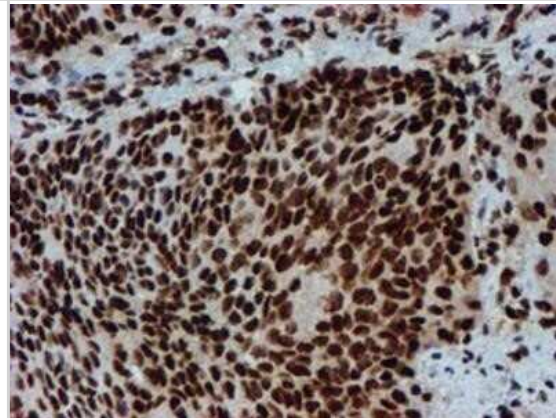
Immunohistochemistry: PADI4 Antibody (OT14H5) - Azide and BSA Free [NBP2-73226] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PAD4 mouse monoclonal antibody.



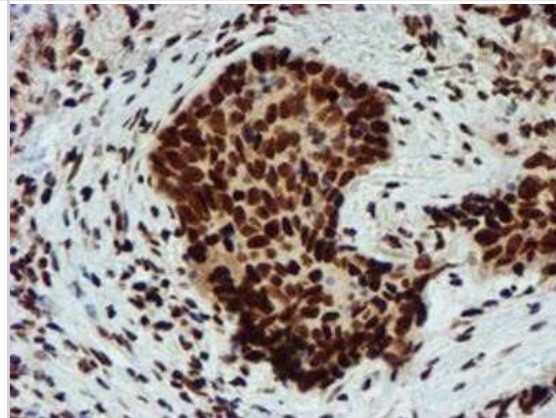
Immunohistochemistry: PADI4 Antibody (OT14H5) - Azide and BSA Free [NBP2-73226] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-PAD4 mouse monoclonal antibody.



Immunohistochemistry: PADI4 Antibody (OT14H5) - Azide and BSA Free [NBP2-73226] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-PAD4 mouse monoclonal antibody.

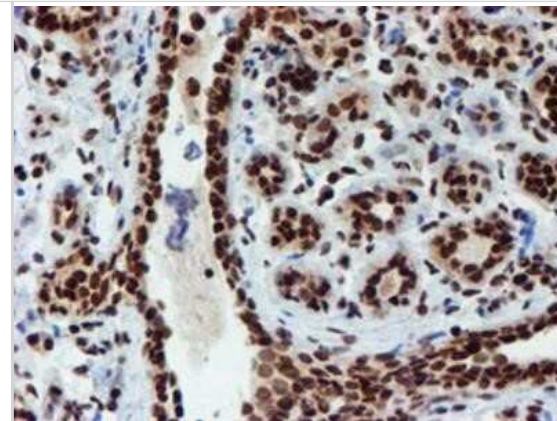


Immunohistochemistry: PADI4 Antibody (OT14H5) - Azide and BSA Free [NBP2-73226] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-PAD4 mouse monoclonal antibody.

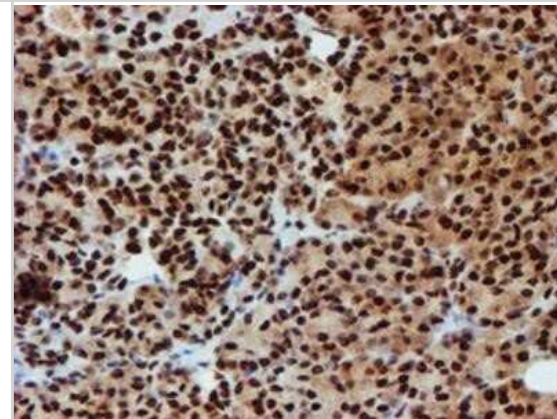




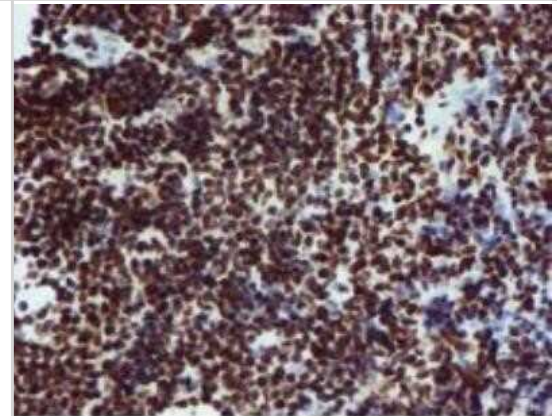
Immunohistochemistry: PADI4 Antibody (OT14H5) - Azide and BSA Free [NBP2-73226] - Staining of paraffin-embedded Human breast tissue using anti-PAD4 mouse monoclonal antibody.



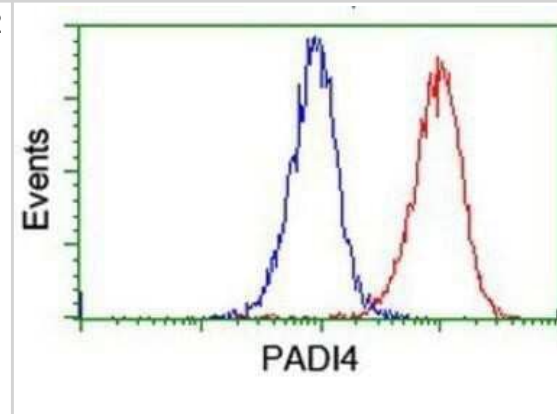
Immunohistochemistry: PADI4 Antibody (OT14H5) - Azide and BSA Free [NBP2-73226] - Staining of paraffin-embedded Human pancreas tissue using anti-PAD4 mouse monoclonal antibody.



Immunohistochemistry: PADI4 Antibody (OT14H5) - Azide and BSA Free [NBP2-73226] - Staining of paraffin-embedded Human lymphoma tissue using anti-PADI4 mouse monoclonal antibody. Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



Flow Cytometry: PADI4 Antibody (OT14H5) - Azide and BSA Free [NBP2-73226] - Analysis of Jurkat cells, using anti-PAD4 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-73226**

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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)
NBP1-97309PEP	PADI4 Antibody Blocking Peptide

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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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