

# Product Datasheet

## PADI4 Antibody (OTI4H5)

### NBP2-02082

Unit Size: 0.1 ml

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

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**NBP2-02082****PADI4 Antibody (OTI4H5)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI4H5
<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>	73.9 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse PADI4 Antibody (OTI4H5) (NBP2-02082) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-PADI4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	23569
<b>Gene Symbol</b>	PADI4
<b>Species</b>	Human
<b>Immunogen</b>	Full length human recombinant protein of human PADI4(NP_036519) produced in HEK293T cell.

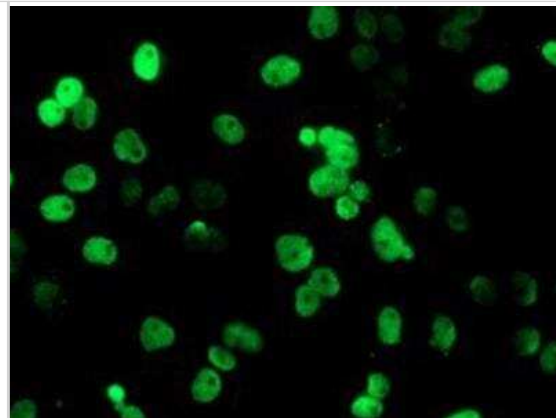
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence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

**Images**

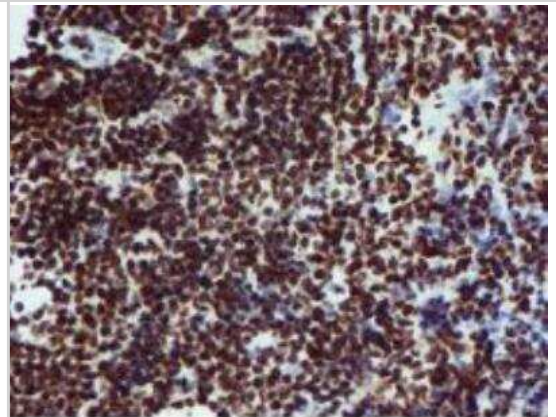
Western Blot: PADI4 Antibody (4H5) [NBP2-02082] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PAD4 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PAD4.



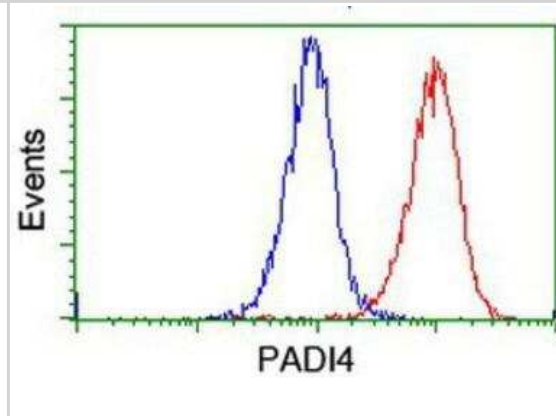
Immunocytochemistry/Immunofluorescence: PADI4 Antibody (OT14H5) [NBP2-02082] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PAD4.



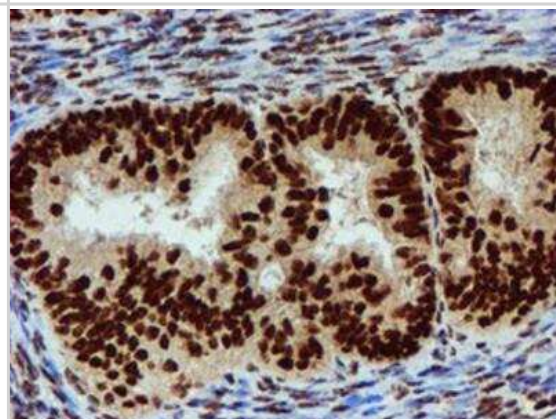
Immunohistochemistry-Paraffin: PADI4 Antibody (OT14H5) [NBP2-02082] - Staining of paraffin-embedded Human lymphoma tissue using anti-PADI4 mouse monoclonal antibody. Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



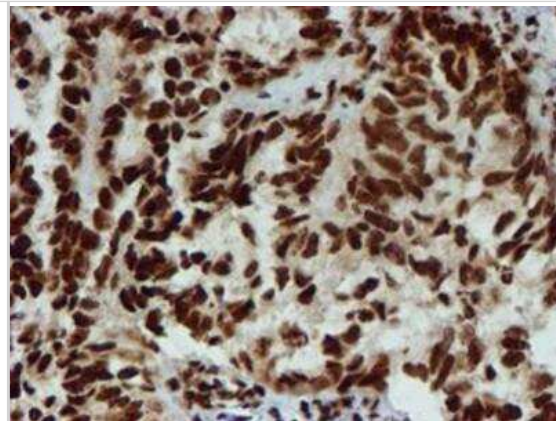
Flow Cytometry: PADI4 Antibody (4H5) [NBP2-02082] - Analysis of Jurkat cells, using anti-PAD4 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



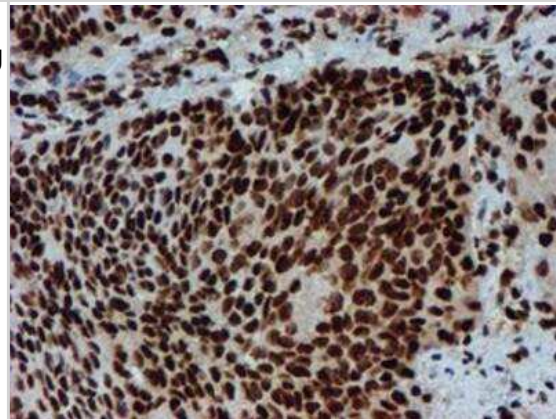
Immunohistochemistry-Paraffin: PADI4 Antibody (4H5) [NBP2-02082] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PAD4 mouse monoclonal antibody.



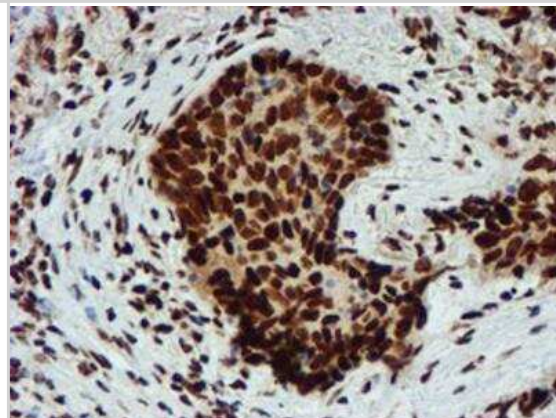
Immunohistochemistry-Paraffin: PADI4 Antibody (4H5) [NBP2-02082] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-PAD4 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: PADI4 Antibody (4H5) [NBP2-02082] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-PAD4 mouse monoclonal antibody.



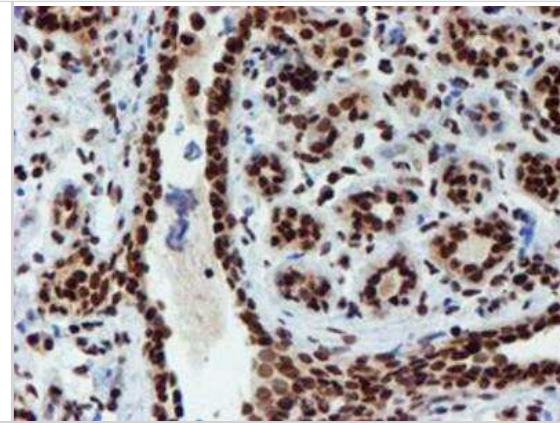
Immunohistochemistry-Paraffin: PADI4 Antibody (4H5) [NBP2-02082] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-PAD4 mouse monoclonal antibody.



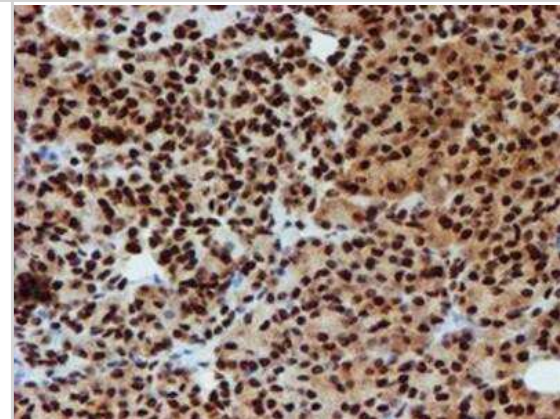
Immunohistochemistry-Paraffin: PADI4 Antibody (4H5) [NBP2-02082] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PAD4 mouse monoclonal antibody.



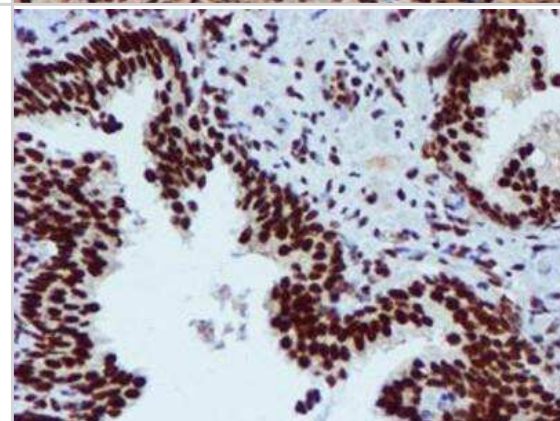
Immunohistochemistry-Paraffin: PADI4 Antibody (4H5) [NBP2-02082] - Staining of paraffin-embedded Human breast tissue using anti-PAD4 mouse monoclonal antibody.



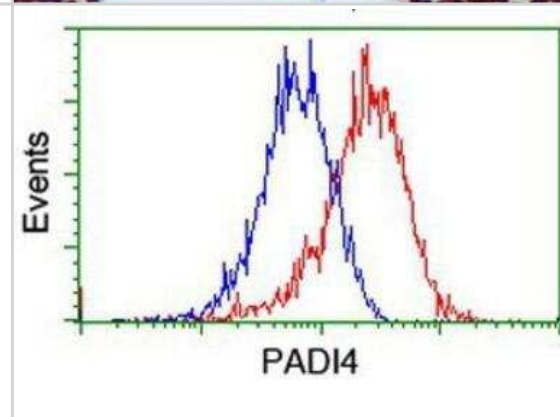
Immunohistochemistry-Paraffin: PADI4 Antibody (4H5) [NBP2-02082] - Staining of paraffin-embedded Human pancreas tissue using anti-PAD4 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: PADI4 Antibody (4H5) [NBP2-02082] - Staining of paraffin-embedded Human prostate tissue using anti-PAD4 mouse monoclonal antibody.



Flow Cytometry: PADI4 Antibody (4H5) [NBP2-02082] - Analysis of HeLa cells, using anti-PAD4 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



## Publications

Santalla M, Andez R, Rodgers Furones A, Classens R et al. Galectin-9 interacts with Vamp-3 to regulate cytokine secretion in dendritic cells Cell Mol Life Sci 2023-09-27 [PMID: 37755527]



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### **Products Related to NBP2-02082**

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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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