

# Product Datasheet

## WT1 Antibody (CL13165) - Azide and BSA Free NBP3-44379

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-44379**

WT1 Antibody (CL13165) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13165
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

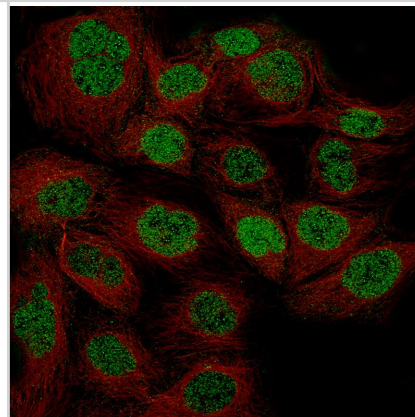
Product Description	
Description	Novus Biologicals Mouse WT1 Antibody (CL13165) - Azide and BSA Free (NBP3-18564) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7490
Gene Symbol	WT1
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P19544, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended. For use with Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

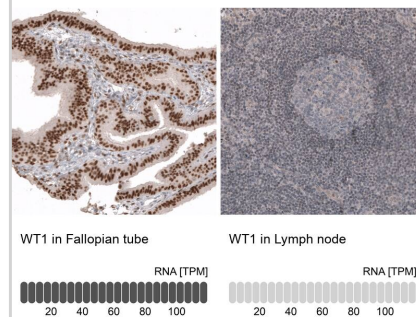


## Images

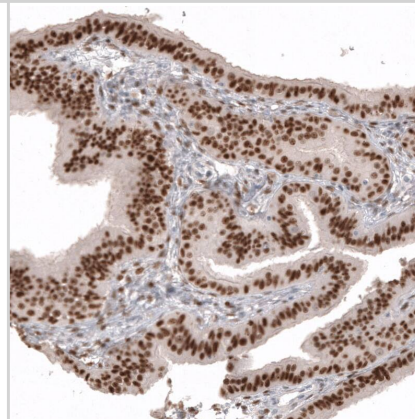
Staining of CACO-2 cells using the Anti-WT1 monoclonal antibody) .



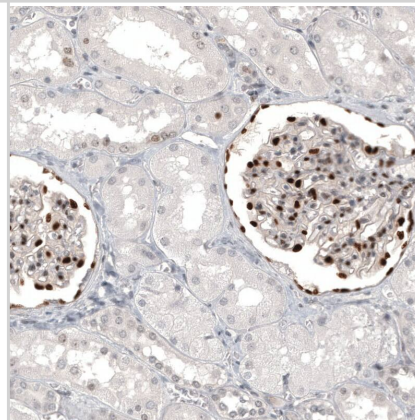
Analysis in human fallopian tube and lymph node tissues using NBP3-44379 antibody. Corresponding WT1 RNA-seq data are presented for the same tissues.



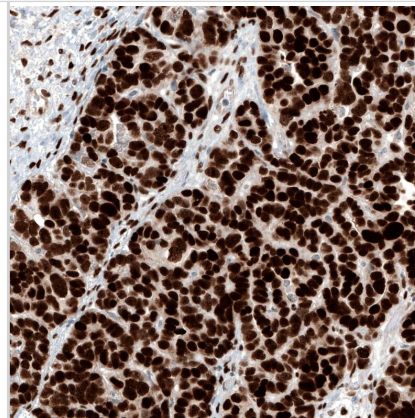
Staining of human fallopian tube shows strong nuclear positivity in glandular cells.



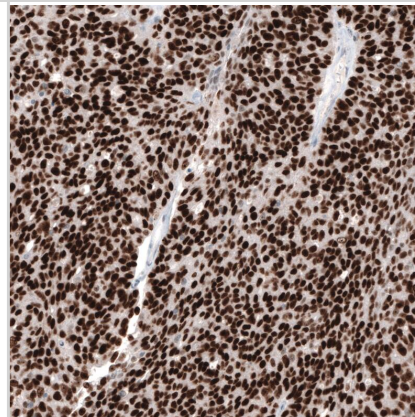
Staining of human kidney shows strong nuclear positivity in cells in glomeruli.



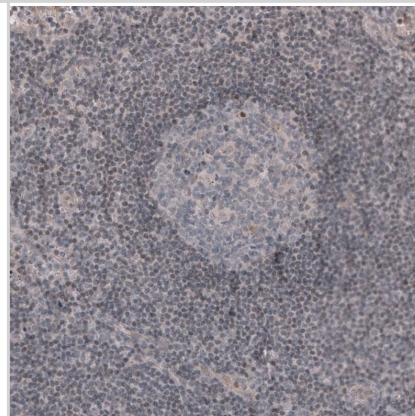
Staining of human ovarian cancer (papillary carcinoma) shows strong nuclear positivity in tumor cells.



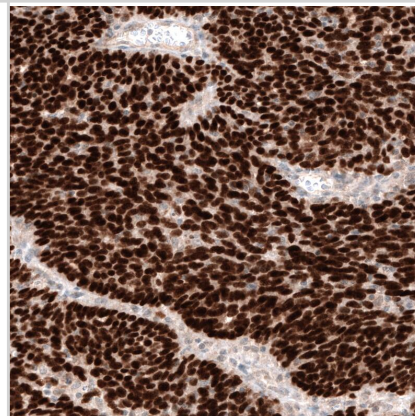
Staining of human ovarian cancer (high grade serous carcinoma) shows strong nuclear positivity in tumor cells.



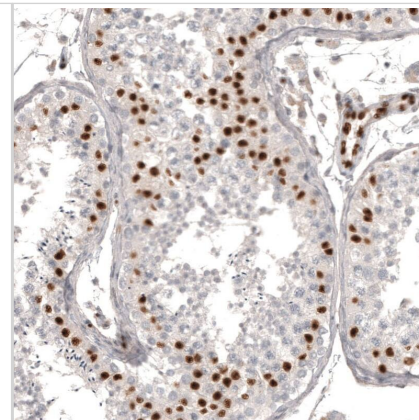
Staining of human lymph node shows no positivity in germinal center cells as expected.



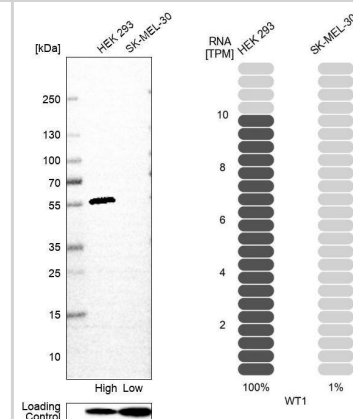
Staining of human ovarian cancer (endometrioid carcinoma) shows strong nuclear positivity in tumor cells.



Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Analysis in human cell line HEK 293 and human cell line SK-MEL-30.





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### **Products Related to NBP3-44379**

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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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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