

Product Datasheet

WT1 Antibody (rWT1/857) NBP2-53181-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-53181-100ug

WT1 Antibody (rWT1/857)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	rWT1/857
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

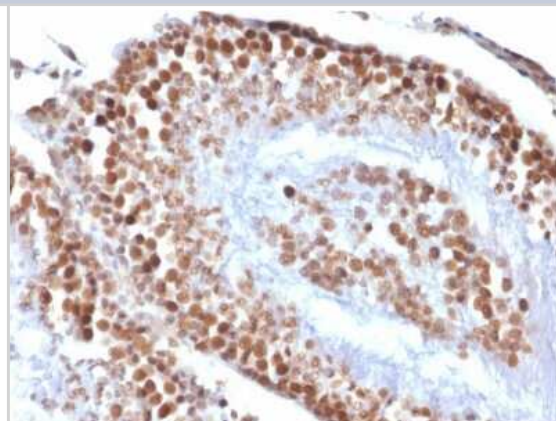
Product Description	
Description	200ug/ml of recombinant monoclonal antibody purified by Protein A or G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml. (NBP2-54592) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	7490
Gene Symbol	WT1
Species	Human, Mouse, Rat
Marker	Wilm's Tumor & Mesothelial Marker
Specificity/Sensitivity	Recognizes a 47-55kDa-tumor suppressor protein, identified as Wilms tumor and mesothelioma. WT1 protein has been identified in proliferative mesothelial cells, malignant mesothelioma, ovarian carcinoma, gonadoblastoma, nephroblastoma, and desmoplastic small round cell tumor. Lung adenocarcinomas rarely stain positive with this antibody. WT1 protein expression in mesothelial cells has become a reliable marker for the diagnosis of mesotheliomas.
Immunogen	Recombinant full-length human WT1 protein (Uniprot: P19544)

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

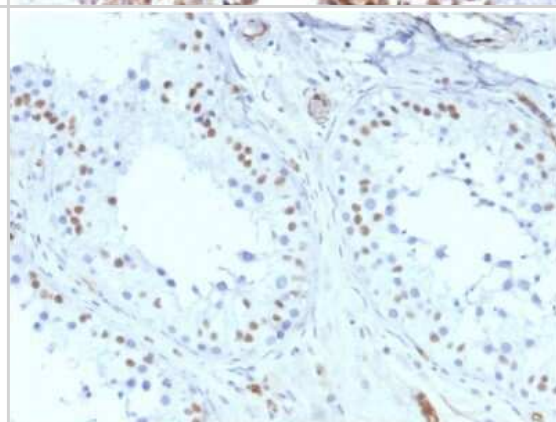


Images

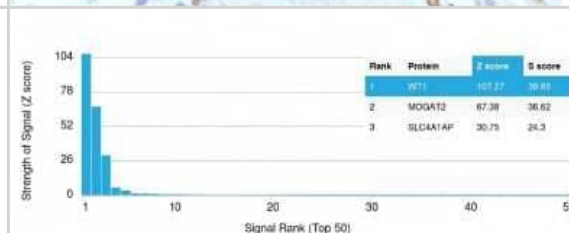
Immunohistochemistry-Paraffin: WT1 Antibody (rWT1/857) [NBP2-53181] - Formalin-fixed, paraffin-embedded Rat Testis stained with WT1 Antibody (rWT1/857).



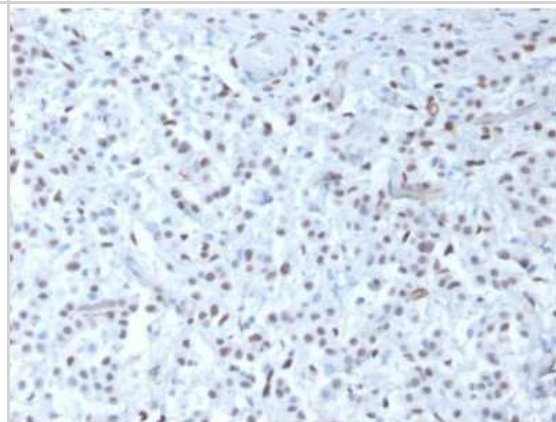
Immunohistochemistry-Paraffin: WT1 Antibody (rWT1/857) [NBP2-53181] - Formalin-fixed, paraffin-embedded human Testis stained with WT1 Antibody (rWT1/857).



Protein Array: WT1 Antibody (rWT1/857) [NBP2-53181] - Analysis of Protein Array containing more than 19,000 full-length human proteins using WT1 Antibody (rWT1/857). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5.



Immunohistochemistry-Paraffin: WT1 Antibody (rWT1/857) [NBP2-53181] - Formalin-fixed, paraffin-embedded human Mesothelioma stained with WT1 Antibody (rWT1/857).





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Products Related to NBP2-53181-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00007490-Q01-10ug	Recombinant Human WT1 GST (N-Term) 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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