

Product Datasheet

WT1 Antibody (6F-H2) - Azide and BSA Free NBP2-81012

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-81012

WT1 Antibody (6F-H2) - Azide and BSA Free

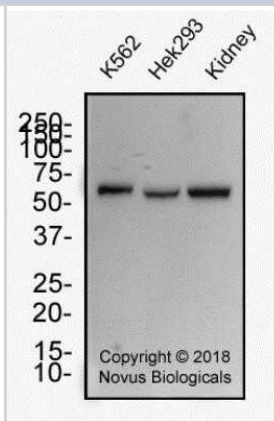
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6F-H2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	55 kDa

Product Description	
Description	Novus Biologicals Mouse WT1 Antibody (6F-H2) - Azide and BSA Free (NB110-60011) is a monoclonal antibody validated for use in IHC, WB, ICC/IF, Simple Western and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7490
Gene Symbol	WT1
Species	Human
Immunogen	Human recombinant Wilms Tumor 1 protein (WT1) (residues 1-181). [Swiss-Prot: P19544]

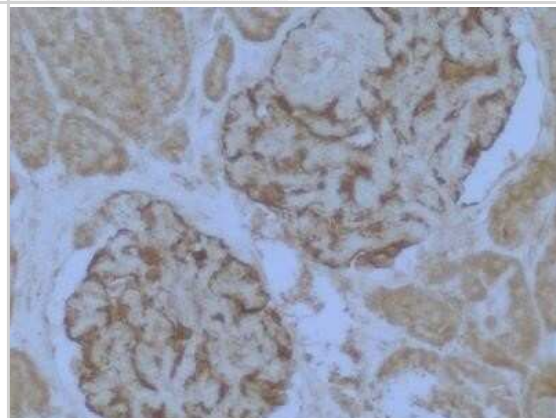
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 2 ug/ml, Simple Western 1:50, Immunohistochemistry 1:400, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 25576053), Immunoprecipitation 2-10 ug/ml lysate, Immunohistochemistry-Paraffin 1:400, Immunohistochemistry-Frozen 1:400
Application Notes	In Western blot, a doublet is observed at approx. 55 kDa. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended. In immunostaining, this target may be found localized to nucleus/nucleolus and cytoplasm of cells (WT1 shuttles between nucleus and cytoplasm - PMID: 14681305). In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: antibody dilution of 1:50. Separated by Size-Wes, Sally Sue/Peggy Sue.

Images

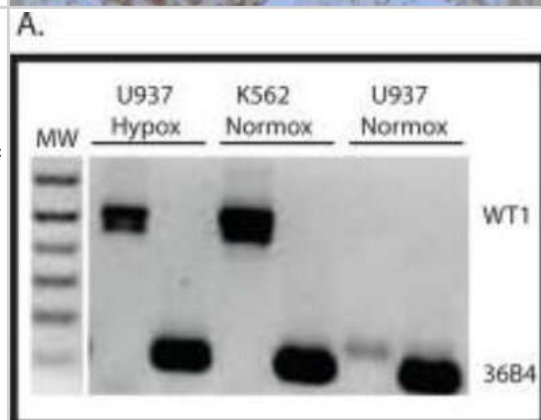
Western Blot: WT1 Antibody (6F-H2) - Azide and BSA Free [NBP2-81012] - Whole cell protein from human K562, HEK293 and kidney tissue was separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-WT1 in block buffer and detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



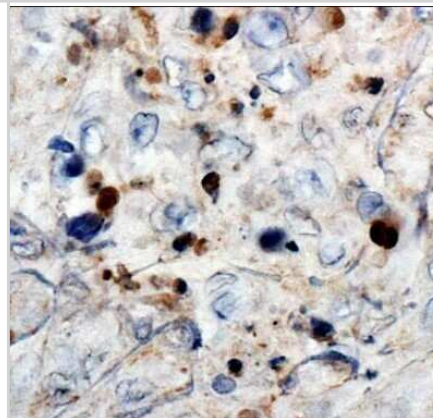
Immunohistochemistry: WT1 Antibody (6F-H2) - Azide and BSA Free [NBP2-81012] - Staining of human kidney glomerulus tissue. Heat mediated antigen retrieval was performed by heating in citrate buffer (pH 6) at 95C for 20 minutes. Image from verified customer review. Image from the standard format of this antibody.



Western Blot: WT1 Antibody (6F-H2) - Azide and BSA Free [NBP2-81012] - Hypomethylation of the Intron 1 CpG island results in WT1 expression. RNA was isolated from K562 and U937 cells growing under atmospheric conditions (Normox) and from U937 cells growing in 1% O₂ (Hypox) and was analyzed by RT-PCR using primers that span exon 5 of the WT1 mRNA. Ribosomal RNA 36B4 is used as a positive control, and molecular weight markers (MW) are shown. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0119837>), licensed under a CC-BY license. Image from the standard format of this antibody.



Immunohistochemistry: WT1 Antibody (6F-H2) - Azide and BSA Free [NBP2-81012] - Analysis of Wilms Tumor 1 in human renal cancer using DAB with hematoxylin counterstain. Image from the standard format of this antibody.



Simple Western: WT1 Antibody (6F-H2) - Azide and BSA Free [NBP2-81012] - Lane view shows a specific band for WT1 in 0.5 mg/ml of Hek293 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.





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Products Related to NBP2-81012

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]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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