

# Product Datasheet

## WT1 Antibody (WT1/1434R) [Biotin] NBP3-11622B

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11622B**

WT1 Antibody (WT1/1434R) [Biotin]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	WT1/1434R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	7490
Gene Symbol	WT1
Species	Human
Marker	Wilm's Tumor & Mesothelial Marker
Specificity/Sensitivity	Recognizes a 47-55kDa-tumor suppressor protein, identified as Wilms Tumor (WT1) protein. The antibody reacts with all isoforms of the full-length WT1 and also identifies WT1 lacking exon 2-encoded amino acids, frequently found in subsets of sporadic Wilm s tumors.WT1, a sporadic and familial pediatric kidney tumor, is genetically heterogeneous. Wilm s tumor is associated with mutations of WT1, a zinc-finger transcription factor that is essential for the development of the metanephric kidney and the urogenital system. The WT1 gene is normally expressed in fetal kidney and mesothelium, and its expression has been suggested as a marker for Wilm s 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 human full-length WT1 protein (Uniprot: P19544 )
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-11622B**

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NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
H00007490-Q01-10ug	Recombinant Human WT1 GST (N-Term) Protein
292-G2-050	IGF-II/IGF2 [Unconjugated]
H00007490-P01-2ug	Recombinant Human WT1 GST (N-Term) Protein

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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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