

Product Datasheet

WT1 Antibody (WT1/857)

NBP2-44606-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44606-0.1mg

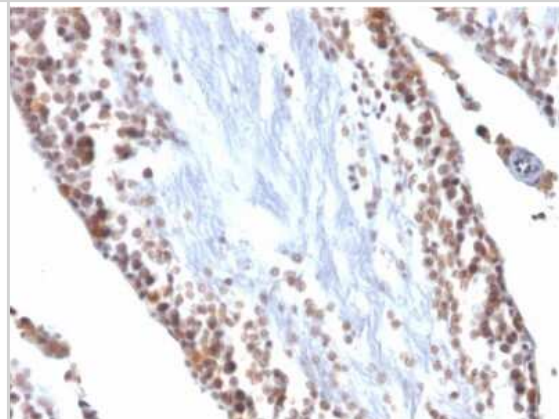
WT1 Antibody (WT1/857)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	WT1/857
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 antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47931) 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, Rat
Reactivity Notes	Weakly reacts with Mouse
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
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml
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.

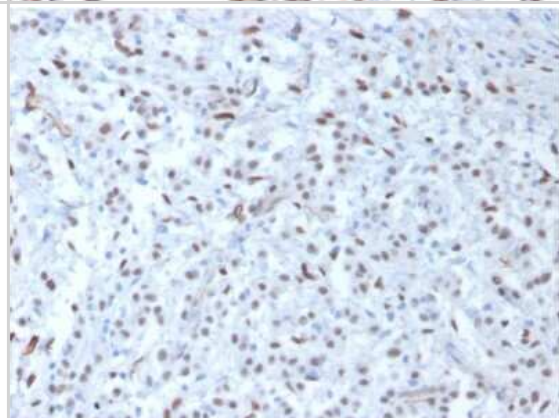


Images

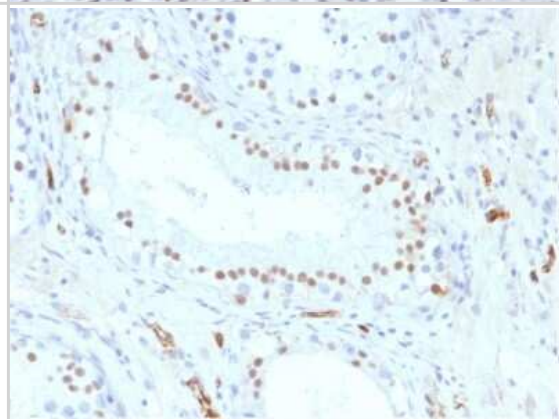
Immunohistochemistry-Paraffin: WT1 Antibody (WT1/857) [NBP2-44606]
- Formalin-fixed, paraffin-embedded Rat Testis stained with WT1 Antibody (WT1/857).



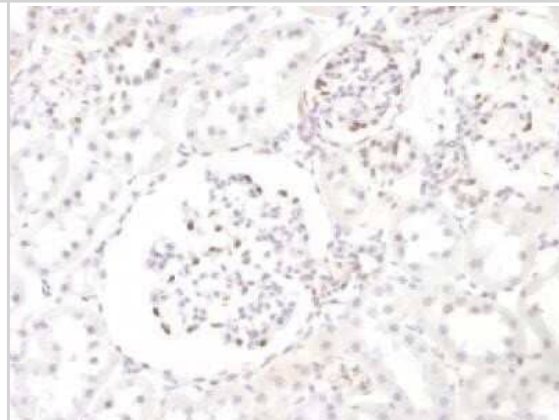
Immunohistochemistry-Paraffin: WT1 Antibody (WT1/857) [NBP2-44606]
- Formalin-fixed, paraffin-embedded human Mesothelioma stained with WT1 Antibody (WT1/857).



Immunohistochemistry-Paraffin: WT1 Antibody (WT1/857) [NBP2-44606]
- Formalin-fixed, paraffin-embedded Human Testis stained with WT1 Antibody (WT1/857).



Immunohistochemistry-Paraffin: WT1 Antibody (WT1/857) [NBP2-44606]
- Formalin-fixed, paraffin-embedded Rat kidney stained with WT1 Monoclonal Antibody (WT1/857)



Publications

Wai Hoe Ng, Elizabeth K Johnston, Jun Jie Tan, Jacqueline M Bliley, Adam W Feinberg, Donna B Stolz et al.
Recapitulating human cardio-pulmonary co-development using simultaneous multilineage differentiation of pluripotent stem cells eLife 2022-01-12 [PMID: 35018887]



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Products Related to NBP2-44606-0.1mg

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.

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