

Product Datasheet

WT1 Antibody (CAN-R9(IHC)-56-2) NBP1-40787

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-40787

WT1 Antibody (CAN-R9(IHC)-56-2)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CAN-R9(IHC)-56-2
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Tissue culture supernatant
Buffer	49% PBS, 0.05% BSA and 50% Glycerol
Product Description	
Host	Rabbit
Gene ID	7490
Gene Symbol	WT1
Species	Human, Mouse
Immunogen	A recombinant protein fragment corresponding to amino acids 79-249 of human Wilm's Tumor was used as an immunogen.
Notes	Produced using Abcam's RabMab® technology. RabMab® technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,487.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-10000, Flow Cytometry 1:100, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:100-250
Application Notes	Use in ICC/IF was reported in the scientific literature (PMID: 22138751).



Publications

Dai Yan, Gu Leyi, Yuan Weijie et al. Podocyte-specific deletion of signal transducer and activator of transcription 3 attenuates nephrotoxic serum-induced glomerulonephritis. *Kidney Int* 2013-01-01 [PMID: 23842188] (ICC/IF, Mouse)

Artibani M, Sims AH, Slight J et al. WT1 expression in breast cancer disrupts the epithelial/mesenchymal balance of tumour cells and correlates with the metabolic response to docetaxel. *Sci Rep.* 2017-03-27 [PMID: 28345629] (WB, Human)

Fan Y, Li X, Xiao W et al. BAMBI elimination enhances alternative TGF-beta signaling and glomerular dysfunction in diabetic mice *Diabetes.* 2015-01-09 [PMID: 25576053] (IHC-P, Mouse)

Details:

WT-1 antibody used for IHC-P application with immunofluorescence detection on formalin fixed paraffin embedded sections from kidneys of BAMBI+/+ or -/- mice on C57BL/6 background expressing the histone yellow fluorescent protein under the control of the promotor of Vegfr-2/Flk1 gene (Supplemental Figure 2, last panel). WT1 stained the podocyte nuclei in the tested murine kidney sections.

Anderberg RJ, Meek RL, Hudkins KL et al. Serum amyloid A and inflammation in diabetic kidney disease and podocytes. *Lab. Invest.* 2014-12-22 [PMID: 25531567]

Mallipattu SK, Liu R, Zhong Y et al. Expression of HIV transgene aggravates kidney injury in diabetic mice. *Kidney Int* 2013-01-16 [PMID: 23325078] (IF/IHC, Mouse)





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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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