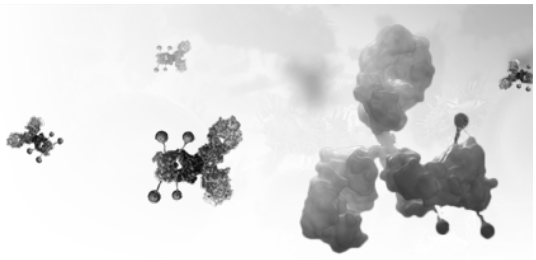

Anti-WT1 monoclonal antibody, clone 2F0 (DCABH-811)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Wilms Tumor Protein
Antigen Description	Transcription factor that plays an important role in cellular development and cell survival. Regulates the expression of numerous target genes, including EPO. Plays an essential role for development of the urogenital system. Recognizes and binds to the DNA sequence 5-CGCCCCCGC-3. It has a tumor suppressor as well as an oncogenic role in tumor formation. Function may be isoform-specific: isoforms lacking the KTS motif may act as transcription factors. Isoforms containing the KTS motif may bind mRNA and play a role in mRNA metabolism or splicing. Isoform 1 has lower affinity for DNA, and can bind RNA.
Immunogen	Recombinant full length Human Wilms Tumor Protein.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2F0
Conjugate	Unconjugated
Applications	ELISA, WB, IHC-P
Positive Control	Human testis tissue
Format	Liquid
Size	50 µg
Buffer	pH: 7.20; Constituent: 99% PBS

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Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	WT1 Wilms tumor 1 [Homo sapiens]
Official Symbol	WT1
Synonyms	WT1; Wilms tumor 1; GUD; Wilms tumor protein; AWT1; WAGR; WIT 2; amino-terminal domain of EWS|last three zinc fingers of the DNA-binding domain of WT1; WT33; NPHS4; WIT-2; EWS-WT1;
Entrez Gene ID	7490
Protein Refseq	NP_000369
UniProt ID	P19544
Chromosome Location	11p13
Pathway	Regulation of Telomerase, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem.
Function	C2H2 zinc finger domain binding; RNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; double-stranded DNA binding; metal ion binding; pro

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