

WT1 rabbit monoclonal antibody

Catalog # H00007490-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human WT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human WT1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human WT1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — WT1

Entrez GeneID [7490](#)

GeneBank Accession# [WT1](#)

Gene Name WT1

Gene Alias GUD, WAGR, WIT-2, WT33

Gene Description Wilms tumor 1

Omim ID [136680](#) [194070](#) [194072](#) [194080](#) [256370](#) [607102](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a transcription factor that contains four zinc-finger motifs at the C-terminus and a proline/glutamine-rich DNA-binding domain at the N-terminus. It has an essential role in the normal development of the urogenital system, and it is mutated in a small subset of patients with Wilms's tumors. Multiple transcript variants, resulting from alternative splicing at two coding exons, have been well characterized. There is also evidence for the use of non-AUG (CUG) translation initiation site upstream of, and in-frame with the first AUG, leading to additional isoforms. Authors of PMID:7926762 also provide evidence that WT1 mRNA undergoes RNA editing in human and rat, and that this process is tissue-restricted and developmentally regulated. [provided by RefSeq]

Other Designations -

Disease

- [Abnormalities](#)
- [Acute Disease](#)
- [Denys-Drash Syndrome](#)
- [Disease Progression](#)
- [Eye Diseases](#)
- [Frasier Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulosclerosis](#)

- [Gonadoblastoma](#)
- [Hypospadias](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Leukemia](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Nephrotic Syndrome](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Precursor T-Cell Lymphoblastic Leukemia-Lymphoma](#)
- [Recurrence](#)
- [Sex determination](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urogenital Abnormalities](#)
- [Wilms Tumor](#)