

A21877

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## [KO Validated] WT1 Rabbit mAb

Catalog No.: A21877 **KO** **Validated** **Recombinant**

### Basic Information

#### Observed MW

Refer to figures

#### Calculated MW

49kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human

### Background

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 tumor. This gene exhibits complex tissue-specific and polymorphic imprinting pattern, with biallelic, and monoallelic expression from the maternal and paternal alleles in different tissues. Multiple transcript variants have been described. In several variants, there is evidence for the use of a non-AUG (CUG) translation initiation codon upstream of, and in-frame with the first AUG. 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.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

7490

#### Swiss Prot

P19544

#### Immunogen

Recombinant protein of human WT1.

#### Synonyms

GUD; AWT1; WAGR; WT-1; WT33; NPHS4; WIT-2; T1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.