

WT1 monoclonal antibody

Catalog: MB21882

Host: Mouse

Reactivity: Human

BackGround:

This gene encodes a transcription factor that contains four zinc-finger motifs at the C-terminus and a pro-line/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 Wilm's tumors. 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 site 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.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

49.2kDa

Swiss-Prot:

P19544

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

FC:1/200 - 1/400

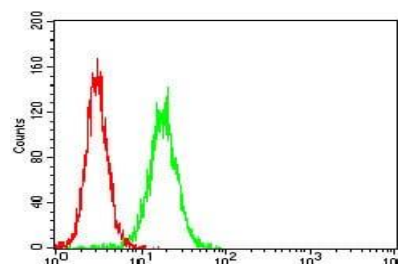
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:



Flow cytometric analysis of HeLa cells using WT1 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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