antibodies -online.com





anti-WT1 antibody (AA 1-181)



Images



Overview

| Quantity: | 0.1 mg |
|----------------------|---|
| Target: | WT1 |
| Binding Specificity: | AA 1-181 |
| Reactivity: | Human, Monkey |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This WT1 antibody is un-conjugated |
| Application: | Flow Cytometry (FACS), Western Blotting (WB), ELISA |

Product Details

| Immunogen: | Purified recombinant fragment of human WT1 (AA: 1-181) expressed in E. coli. |
|---------------|--|
| Clone: | 7F9G7H2 |
| Isotype: | lgG1 |
| Purification: | purified |

Target Details

| Target: | WT1 |
|-------------------|--|
| Alternative Name: | WT1 (WT1 Products) |
| Background: | Description: 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 |
| | the C-terminus and a profine/gratamine-non-biva-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.

Aliases: GUD, AWT1, WAGR, WT33, NPHS4, WIT-2

Tube Formation

| Molecular Weight: | 49.2 kDa |
|-------------------|----------|
| Gene ID: | 7490 |

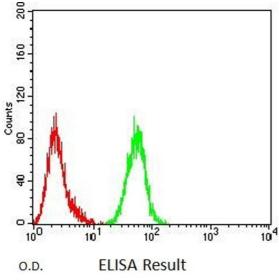
Application Details

| Application Notes: | WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000, |
|--------------------|--|
| Restrictions: | For Research Use only |

Handling

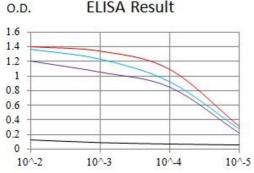
Pathways:

| Buffer: | Purified antibody in PBS with 0.05 % sodium azide |
|--------------------|--|
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | 4°C, -20°C for long term storage |



Flow Cytometry

Image 1. Flow cytometric analysis of Hela cells using WT1 mouse mAb (green) and negative control (red).

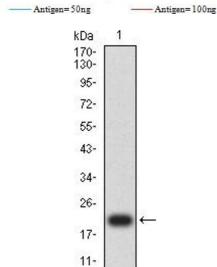


ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

Serial Dilutions of Antibody

Antigen=10ng



Control Antigen = 100ng

Western Blotting

Image 3. Western blot analysis using WT1 mAb against human WT1 (AA: 1-181) recombinant protein. (Expected MW is 21.2 kDa)

Please check the product details page for more images. Overall 5 images are available for ABIN7193597.