ANGIO-PROTEOMIE
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DATA SHEET

Mouse Monoclonal Antibody to WT1

Cataloge Number	sAP-1061
Target Molecule	**Name: WT1** **Aliases:** GUD; AWT1; WAGR; WT33; NPHS4; WIT-2; EWS-WT1 **MW: 49.2kDa** **Entrez Gene ID: 7490**
Descrption	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 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 developmen-
Immunogen	Purified recombinant fragment of human WT1 (AA: 314-479) expressed in E. Coli.
Recitative Species	Human;
Clone	MM5G11A5;
Size and Concentration	100μg/1mg/ml
Supplied as	Lyophilized Powder from 100μl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstitued with 100μl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Leuk Res. 2013 Oct;37(10):1341-9. ; 2. Pediatr Blood Cancer. 2013 Aug;60(8):1388-9.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

Angio-Proteomie | 11 Park Drive, Suite 12 Boston, MA 02215, USA | Tel: 001-617-549-2665 | Fax: 001-480-247-4337 | Email: angioproteomie@gmail.com