



## Mouse Anti-Wilms Tumor WT-1 Monoclonal Antibody

CATALOG NUMBER: MAB4234

LOT NUMBER:

QUANTITY: 100µg CONCENTRATION: 1 mg/mL

ALTERNATE NAMES: WT-1 EPITOPE: aa 1-178

CLONE NAME: 6F-H2 HOST/ISOTYPE: Ms IgG<sub>1k</sub>

BACKGROUND: Wilm's Tumor (WT), a sporadic and familial childhood kidney tumor, is genetically

heterogeneous. Wilms' tumor is associated with mutations of WT1, a zinc-finger transcription factor that is essential for the development of the metanephric kidney and the urogenital system. The WT1 gene is normally expressed in fetal kidney and mesothelium, and its expression has been suggested as a marker for Wilms tumor and mesothelioma.

Wilms' tumor is the most common solid malignancy of the urinary tract in infants.

**SPECIFICITY:** The antibody was generated to the N-terminal 173 aminoacides of the WT1 protein. The

antibody staining location is nuclear.

**IMMUNOGEN:** aa 1-173 amino acides of the WT-1 protein

APPLICATIONS: Western Blot 1:1000

Immunofluorescence on frozen and paraffin sections; Nuclear staining

EIA IP

**SPECIES REACTIVITY:** Human, others not tested.

**FORMAT:** The antibody is purified using Protein A.

**PRESENTATION:** Liquid in PBS containing 0.01% sodium azide as a preservative

**STORAGE/HANDLING:** The antibody is stable for 24 months when stored at 2-8°C.

**REFERENCES:** Huff V. Am J Med Genet 1998 Oct 2;79(4):260- 267.

Bruening W, et al. Nat Genet 1992 May;1(2):144-148.

Schedl A, Hastie N. Mol Cell Endocrinol 1998 May 25;140(1-2):65-69.





Important Note:

During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of  $200 \mu L$  or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

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