

## WT1 clone 6F-H2

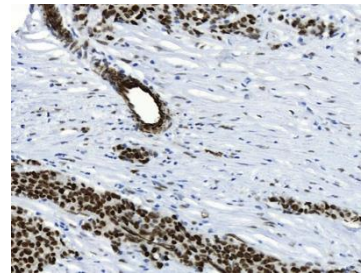
### Instructions for Use

**Specification:**

Recognizes a 47-55kDa-tumor suppressor protein, identified as Wilm's Tumor (WT1) protein. The antibody reacts with all isoforms of the full-length WT1 and also identifies WT1 lacking exon 2-encoded amino acids, frequently found in subsets of sporadic Wilm's tumors. WT1, a sporadic and familial pediatric kidney tumor, is genetically heterogeneous. Wilm's 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 Wilm's tumor and mesothelioma. WT1 protein has been identified in proliferative mesothelial cells, malignant mesothelioma, ovarian carcinoma, gonadoblastoma, nephroblastoma, and desmoplastic small round cell tumor. Lung adenocarcinomas rarely stain positive with this antibody. WT1 protein expression in mesothelial cells has become a reliable marker for the diagnosis of mesotheliomas.

**Availability:**

Catalog No.	Contents	Volume
ILM3983-C1	WT1 clone 6F-H2	0,1 ml concentrated
ILM3983-C05	WT1 clone 6F-H2	0,5 ml concentrated
ILM3983-C01	WT1 clone 6F-H2	1,0 ml concentrated



**Intended use:** For Research Use Only

**Reactivity:** Human and Mouse

**Clone:** 6F-H2

**Species of origin:** Mouse

**Isotype:** IgG<sub>1</sub>/k

**Control Tissue:** Ovarian carcinoma (non-mucinous carcinoma), malignant mesothelioma, testes, kidney

**Staining:** Nuclear

**Immunogen:** Recombinant protein corresponding to residues 1-181 of human WT1

**Presentation:** Bioreactor concentrate with 0.05% Azide

**Application and suggested dilutions:**

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:200)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.

**References:**

- 1) Rauscher JF, Morris JF, Fredericks WJ, Lopez-Guisa J, Balakrishnan C, Jost M, Herlyn M, Rodeck U. Hybridoma 1998; 17:191