

Monoclonal Mouse Antibody to Human Wilms' Tumor 1 Protein (WT1)

Catalog No.:	Mob 437, Mob 437-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Clone:	6F-H2
Immuogen:	BALB/C mice were injected with truncated human WT1 protein corresponding to N-terminal amino acids 1-181.
Isotype:	IgG1
Format:	This antibody is supplied as tissue culture supernatant containing BSA and sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:15-1:25 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 to 60 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10mM Citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	Wilms' Tumor (WT1) is a gene involved in the induction of Wilms' tumor, a pediatric renal malignancy that 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.
Positive Control:	Wilms' tumor
Cellular Localization:	Nuclear and/or Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Haber et al. New Biol 4: 97, 1992. ii) Kumar-Singh et al. J Pathol 181: 67, 1997. iii) Menssen et al. Leukemia 9: 1060, 1995.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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