

Wilms' Tumor 1 (WT1) (AB1606) mouse mAb

V0140

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat; Pig;

Applications

- Immunohistochemistry (IHC)

MW

- 55 kDa (calculated)
- 55 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:50-1:100

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1606

Immunogen A synthetic peptide corresponding to the amino acid region 350 - 449 of the human Wilms' Tumor 1 protein.

Specificity The antibody can specifically recognize human WT1 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name WT1

Protein Name Wilms' Tumor 1 (WT1)

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P19544	7490

Background WT1, located on chromosome 11p13, is a tumor suppressor gene, which mainly plays a role in the development of genitourinary organs. It was positive in ovarian serous carcinoma, peritoneal serous carcinoma, ovarian metastatic carcinoma, 50% of ovarian endometrial carcinoma, posterior renal adenoma, most malignant mesothelioma and sex cord stromal tumor.