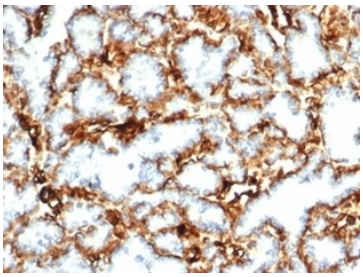
Recombinant Wilms Tumor 1 Antibody / WT1 [clone WT1/3477R] (V8926)

Catalog No.	Formulation	Size
V8926-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8926-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8926SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

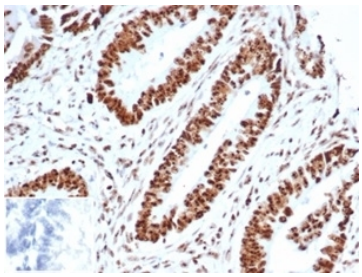
Recombinant RABBIT MONOCLONAL

Bulk quote request

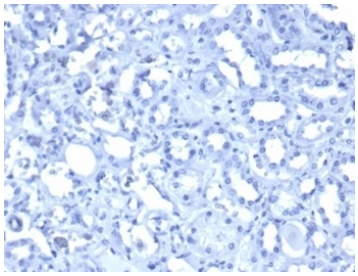
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	WT1/3477R
Purity	Protein A/G affinity
UniProt	P19544
Localization	Nucleus and cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant Wilms Tumor 1 antibody is available for research use only.



IHC staining of FFPE human kidney tissue with recombinant Wilms Tumor 1 antibody (clone WT1/3477R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human ovarian carcinoma tissue with recombinant Wilms Tumor 1 antibody (clone WT1/3477R). Negative control inset: PBS instead of primary antibody to control for secondary binding. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC staining of FFPE human kidney tissue PBS instead of primary antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

The WT1 gene located at chromosome 11p13 codes for a transcription factor, a DNA-binding nucleoprotein, that plays a role primarily in the development of genitourinary organs. There are at least eight isoforms ranging between 52 and 62kDa produced by a combination of alternative splicing and RNA editing. WT1 is synthesized and reside in the cytoplasm in an inactive form. When activated through phosphorylation it is translocated to the nucleus.

Application Notes

Optimal dilution of the recombinant Wilms Tumor 1 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-100 was used as the immunogen for the recombinant Wilms Tumor 1 antibody.

Storage

Aliquot the recombinant Wilms Tumor 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.