Anti-WT1 recMAb™ Antibody

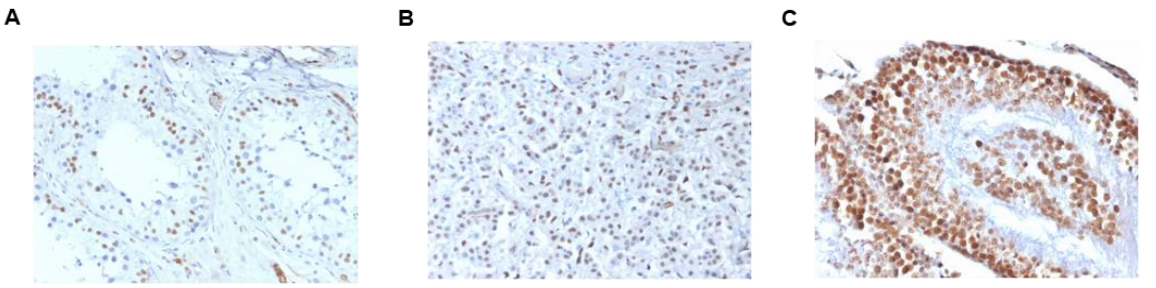
08/20

CATALOG NO.:	**A2186-100 (100 µg)**

BACKGROUND DESCRIPTION: This gene encodes a transcription factor that contains four zinc-finger motifs at the C-terminus and a proline/glutamine-rich DNA-binding domain at the N-terminus. It has an essential role in the normal development of the urogenital system, and it is mutated in a small subset of patients with Wilms tumor. This gene exhibits complex tissue-specific and polymorphic imprinting patterns, with bi-allelic, and mono-allelic expression from the maternal and paternal alleles in different tissues. Multiple transcript variants have been described. In several variants, there is evidence for the use of a non-AUG (CUG) translation initiation codon upstream of, and in-frame with the first AUG. A study demonstrated that WT1 mRNA undergoes RNA editing in human and rat and that this process is tissue-restricted and developmentally regulated.

ALTERNATE NAMES:	WT1, AWT1, FWT1, GUD, NPHS4, WAGR, Wilms tumor 1, WT33, WIT-2
ANTIBODY TYPE:	Monoclonal
CLONE:	rWT1/857
CONCENTRATION:	1 mg/ml
HOST/ISOTYPE:	Mouse / IgG1, kappa
IMMUNOGEN:	Recombinant full-length human WT1 protein
MOLECULAR WEIGHT:	49 kDa
PURIFICATION:	Protein A/G purified
FORM:	Liquid
FORMULATION:	In 10 mM PBS
SPECIES REACTIVITY:	Human, Mouse, Rat
STORAGE CONDITIONS:	Store at -20ºC. Avoid freeze/thaw cycles
APPLICATIONS AND USAGE:	IHC (1-2 µg/ml)

This information is only intended as a guide. The optimal dilutions must be determined by the user



Immunohistochemical analysis of paraffin embedded formalin fixed human testis (A), human mesothelioma (B), and rat testis (C) using Anti-WT1 recMAb™ antibody.

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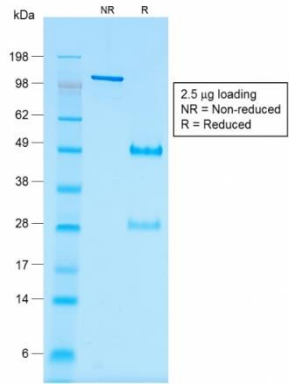

SDS-PAGE analysis to confirm the purity and integrity of Anti-WT1 recMAb™ antibody.

RELATED PRODUCTS:

Anti-WT1 Antibody (A1875)
Wnt-4 Antibody (3574R)
DNA Methyltransferase 1 (Clone 60B1220.1) Antibody (6110)
IGF-I Antibody (5120R)

FOR RESEARCH USE ONLY! Not to be used on humans.