

Rabbit anti-Human, Mouse Wilms Tumor Protein Monoclonal Antibody | anti-WT antibody

Wilms Tumor Protein Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30123	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Flow Cytometry, Functional Assay

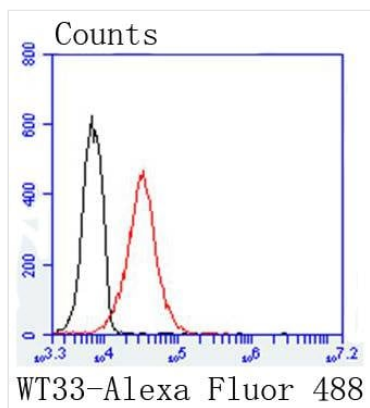
PRODUCT SYNONYMS

Wilms Tumor Protein; Monoclonal Antibody; Wilms Tumor Protein Antibody; WIT 2 antibody; WT 1 antibody; AWT1 antibody; FWT1 antibody; GUD antibody; NPHS4 antibody; WAGR antibody; Wilms tumor 1 antibody; Wilms Tumor antibody; Wilms tumor protein antibody; Wilms' tumor gene antibody; Wilms' tumor protein antibody; WIT2 antibody; WT antibody; WT1 antibody; WT1_HUMAN antibody; WT33 antibody; anti-WT antibody

PRODUCT SPECIFICATIONS

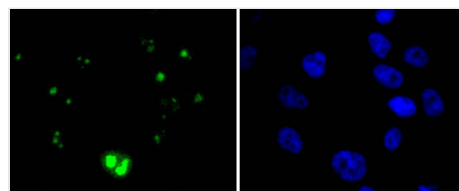
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	SC06-41
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Applicable Applications for anti-WT antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-1:2000 IHC: 1:100-1:200 ICC/IF: 1:50-1:200 FC: 1:20-1:1000
Immunogen	A synthesized peptide derived from human WT1
Preparation and Storage	Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

IMAGES



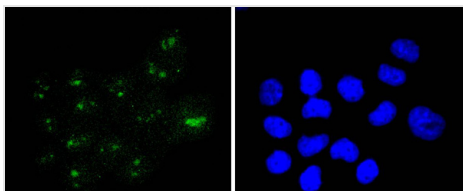
FCM (Flow Cytometry)

Flow cytometric analysis of K562 cells with Wilms Tumor Protein antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



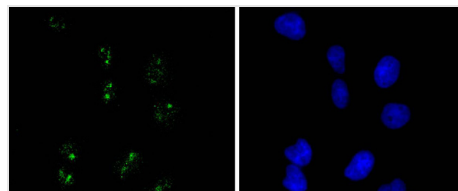
ICC (Immunocytochemistry)

ICC staining Wilms Tumor Protein in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



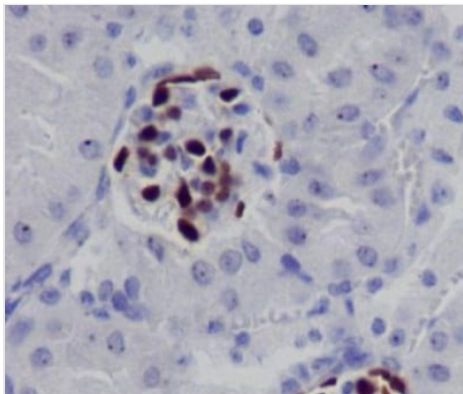
ICC (Immunocytochemistry)

ICC staining Wilms Tumor Protein in LO2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



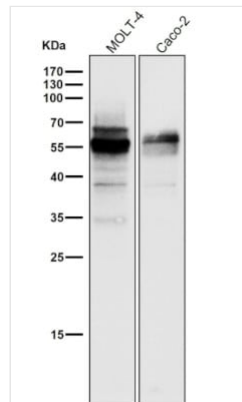
ICC (Immunocytochemistry)

ICC staining Wilms Tumor Protein in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse kidney, using Wilms Tumor Protein Antibody.



WB (Western Blot)

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

ADDITIONAL INFORMATION

Related Product Information for anti-WT antibody	Wilms' tumor (WT) is an embryonal malignancy of the kidney that affects 1 in 10, 000 infants and, like retinoblastoma, is observed in both sporadic and inherited forms. The Wilms' tumor locus has been mapped at chromosome 11p13 as a tumor suppressor gene which encodes a DNA binding protein with four zinc fingers and a glutamine-proline rich amino-terminus. The Wilms' tumor protein (WT1) binds the DNA sequence GCGGGGGCG, a recognition element common to the early growth response (Egr) family of Zn ²⁺ finger transcriptional activators. However, in contrast to Egr transcription factors, WT1 behaves as a transcriptional repressor in transient transfection assays with synthetic promotor constructs.
Product Categories/Family for anti-WT antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	65507817
NCBI GeneID	7490
NCBI Accession #	NP_077742.2
NCBI GenBank Nucleotide #	NM_024424.3
UniProt Accession #	P19544 ; Q15881 ; Q16256 ; Q16575 ; Q4VXV4 ; Q4VXV5 ; Q4VXV6 ; Q8IYZ5 ; A8K6S1 ; B3KSA5
Molecular Weight	Calculated MW: 55kDa
NCBI Official Full Name	Wilms tumor protein isoform B
NCBI Official Synonym Full Names	Wilms tumor 1
NCBI Official Symbol	WT1
NCBI Official Synonym Symbols	GUD; AWT1; WAGR; WT33; NPHS4; WIT-2; EWS-WT1
NCBI Protein Information	Wilms tumor protein; amino-terminal domain of EWS last three zinc fingers of the DNA-binding domain of WT1

UniProt Protein Name	Wilms tumor protein
UniProt Gene Name	WT1
UniProt Entry Name	WT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/wilms-tumor-protein-antibody-clone-sc06-41-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-flow-cytometry-elisa/30123>