Product Datasheet

Wilms Tumor Protein Rabbit mAb

Catalog No: #48959

Package Size: #48959-1 50ul #48959-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Wilms Tumor Protein Rabbit mAb
Clone No.	SC06-41
Purification	Affinity-chromatography
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu, Ms
Immunogen Description	A synthesized peptide derived from human WT1
Other Names	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
Accession No.	Swiss-Prot#:P19544
Uniprot	P19544
GeneID	7490;
Calculated MW	55 kDa
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

Application Details

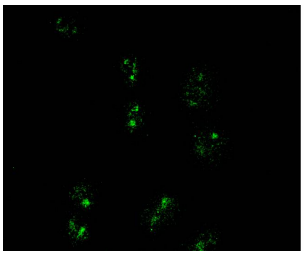
WB 1:1000-1:2000

IHC 1:100-1:200

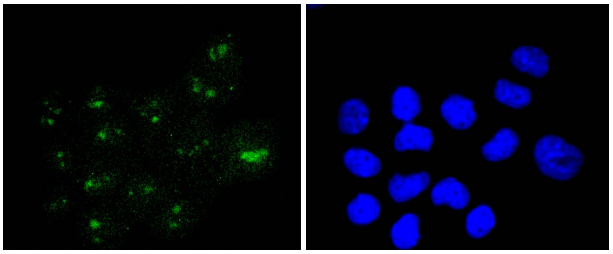
ICC/IF 1:50-1:200

FC 1:20-1:1000

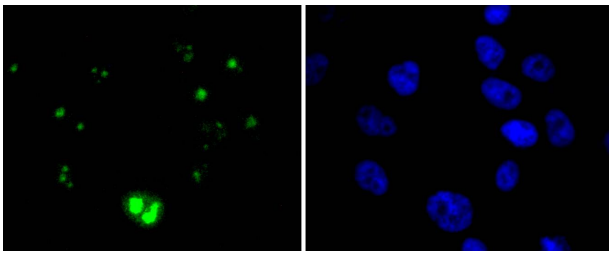
Images



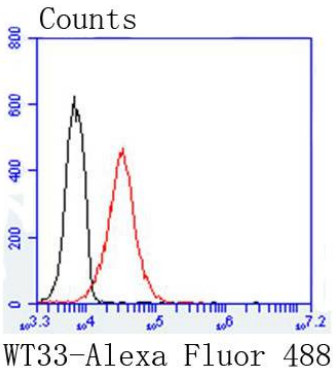
ICC staining Wilms Tumor Protein in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



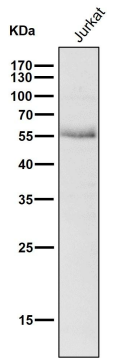
ICC staining Wilms Tumor Protein in LO2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



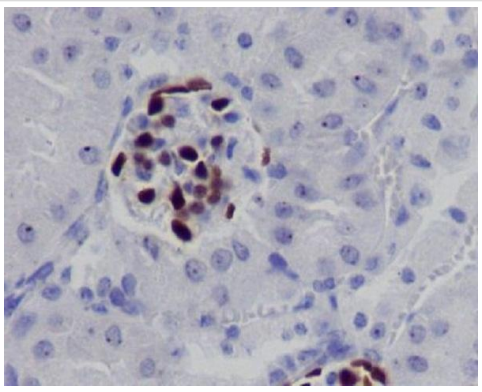
ICC staining Wilms Tumor Protein in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



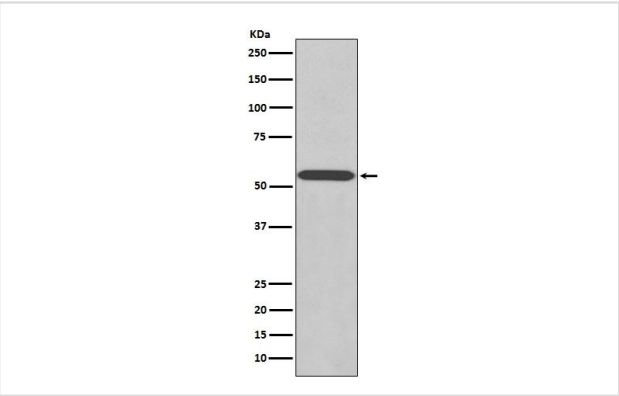
Flow cytometric analysis of K562 cells with Wilms Tumor Protein antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



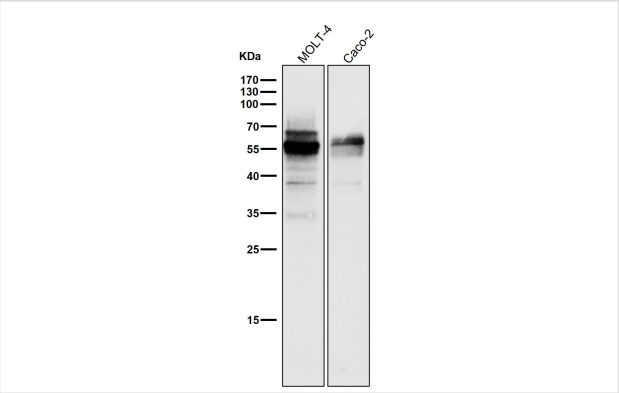
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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



Western blot analysis of WT1 expression in K562 cell lysate.



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

Background

Transcription factor that plays an important role in cellular development and cell survival (PubMed:7862533). Recognizes and binds to the DNA sequence 5'-GCG(T/G)GGGCG-3'. Regulates the expression of numerous target genes, including EPO. Plays an essential role for development of the urogenital system. It has a tumor suppressor as well as an oncogenic role in tumor formation.

Note: This product is for in vitro research use only