

Product Datasheet

WT1 Antibody (CL13170)

NBP3-18547-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 2/27/2025 v.20.1

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NBP3-18547-100ul

WT1 Antibody (CL13170)

Product Information

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL13170
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description

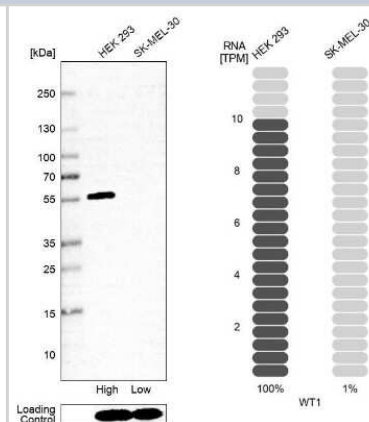
Host	Mouse
Gene ID	7490
Gene Symbol	WT1
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P19544, with the exact immunogen sequence remaining proprietary.

Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended. For use with ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

Images

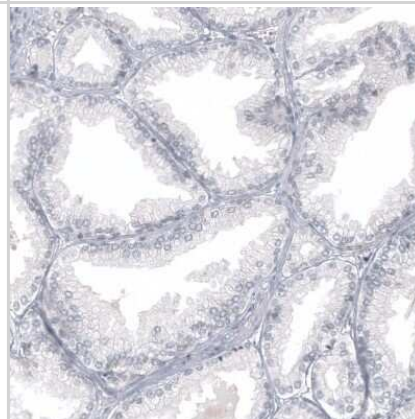
Western Blot: WT1 Antibody (CL13170) [NBP3-18547] - Analysis in human cell line HEK 293 and human cell line SK-MEL-30.



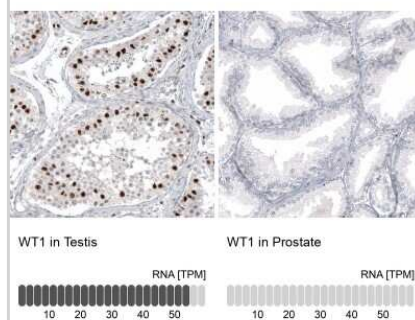
Immunocytochemistry/Immunofluorescence: WT1 Antibody (CL13170) [NBP3-18547] - Staining of CACO-2 cells using the Anti-WT1 monoclonal antibody, showing specific staining in nucleoplasm in green. Microtubule probes are visualized in red (where available).



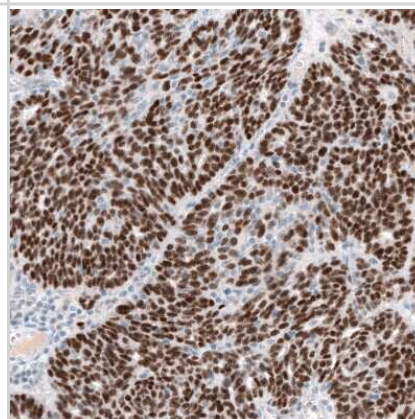
Immunohistochemistry-Paraffin: WT1 Antibody (CL13170) [NBP3-18547] - Staining of human prostate shows no positivity in glandular cells as expected.



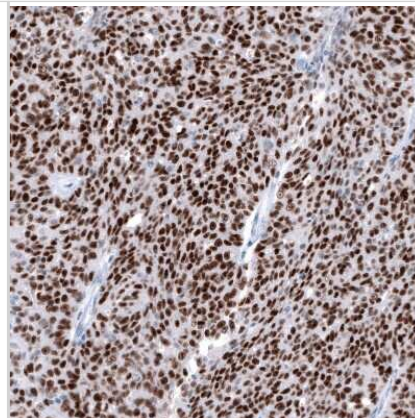
Immunohistochemistry-Paraffin: WT1 Antibody (CL13170) [NBP3-18547] - Analysis in human testis and prostate tissues using NBP3-18547 antibody. Corresponding WT1 RNA-seq data are presented for the same tissues.



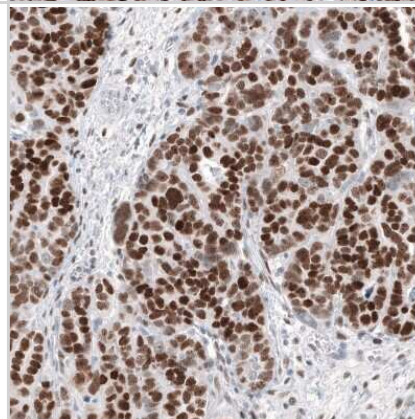
Immunohistochemistry-Paraffin: WT1 Antibody (CL13170) [NBP3-18547] - Staining of human ovarian cancer (endometrioid carcinoma) shows strong nuclear positivity in tumor cells.



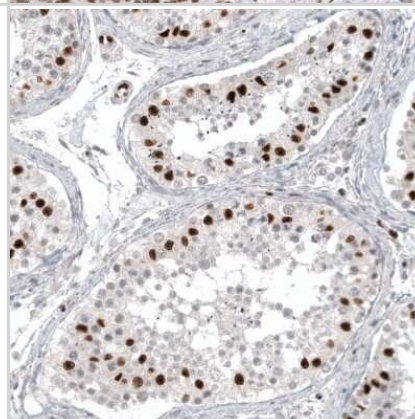
Immunohistochemistry-Paraffin: WT1 Antibody (CL13170) [NBP3-18547]
- Staining of human ovarian cancer (high grade serous carcinoma) shows strong nuclear positivity in tumor cells.



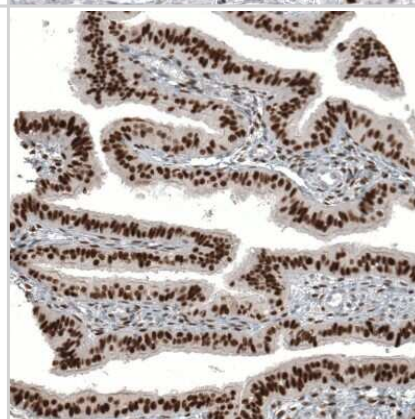
Immunohistochemistry-Paraffin: WT1 Antibody (CL13170) [NBP3-18547]
- Staining of human ovarian cancer (papillary carcinoma) shows strong nuclear positivity in tumor cells.



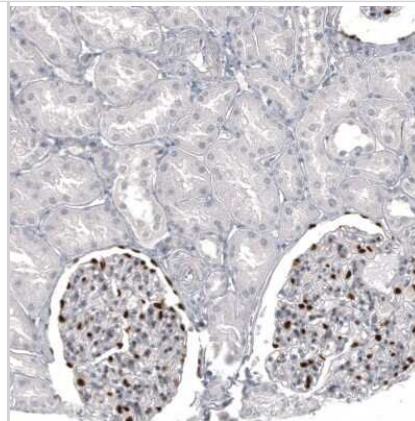
Immunohistochemistry-Paraffin: WT1 Antibody (CL13170) [NBP3-18547]
- Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: WT1 Antibody (CL13170) [NBP3-18547]
- Staining of human fallopian tube shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: WT1 Antibody (CL13170) [NBP3-18547]
- Staining of human kidney shows strong nuclear positivity in cells in glomeruli.



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Products Related to NBP3-18547-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00007490-Q01-10ug	Recombinant Human WT1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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