

Mouse anti-Wilms' Tumor, clone WT49 (monoclonal)

Clone no. WT49

MONXtra

Product name	Mouse anti-Wilms' Tumor, clone WT49 (monoclonal)
Host	Mouse
Applications	IHC-P (1:100)
Species reactivity	human
Conjugate	-
Immunogen	A prokaryotic recombinant protein containing 1–181 amino acids of the N-terminal of the Wilms' Tumor protein.
Isotype	IgG1
Clonality	Monoclonal
Clone number	WT49
Size	1 ml
Concentration	Greater than or equal to 44 mg/L
Format	-
Storage buffer	Tissue culture supernatant with sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Wilms' tumor protein (WT1) has a role in transcriptional regulation and is expressed in the kidney and a subset of hematopoietic cells. Alteration of transcription factor function is a common mechanism in oncogenesis. The WT1 protein contains a DNA binding domain and any deletions or point mutations of the WT1 gene which destroy this activity result in the development of the childhood nephroblastoma Wilms' tumor and Denys-Drash syndrome. The description of WT1 involvement in nephroblastoma is not clear.

References

1. Omeroglu A and Omeroglu G. Arch Pathol Lab Med. 2003; 127:e347-e348
2. Lee SB and Haber DA. Experimental Cell Research. 2001; 264:74-99
3. -
4. -
5. -

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