

For Research Use Only

CENPB Recombinant monoclonal antibody

Catalog Number:87672-1-RR



Basic Information

Catalog Number: 87672-1-RR	GenBank Accession Number: BC053847	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1059	CloneNo.: 253126C5
Source: Rabbit	UNIPROT ID: P07199	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: centromere protein B, 80kDa	
Immunogen Catalog Number: AG24967	Calculated MW: 65 kDa	
	Observed MW: 75-80 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, HeLa cells, HT-29 cells, HEK-293 cells, MDCK cells
Species Specificity: human, mouse	

Background Information

Centromere protein B (CENPB), also known as major centromere autoantigen B, is an autoantigen protein of the cell nucleus. In mammalian centromeres CENPB plays a critical role in the organization of chromatin structure, but in the absence of CENPB some chromosomes use other redundant proteins to accomplish mitosis (PMID: 14963831). CENPB plays an important role in cell cycle regulation. CENPB is highly expressed in cancer cells helping in high rate proliferation. This antibody detects CENPB protein with a molecular weight of 80 kDa (PMID: 34547289, PMID: 29273057).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

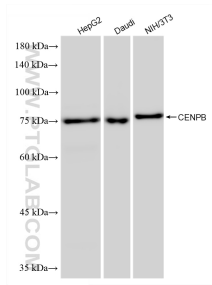
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

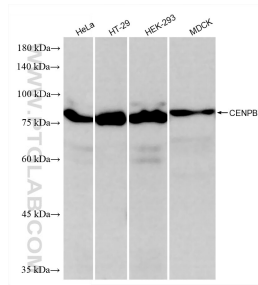
E: proteintech@ptglab.com
W: ptglab.com

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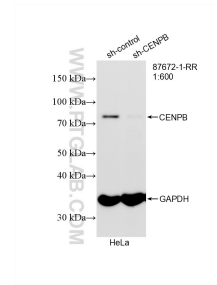
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87672-1-RR (CENPB antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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WB result of CENPB antibody (87672-1-RR; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-CENPB transfected HeLa cells.