

For Research Use Only

Phospho-YBX1 (Ser102) Recombinant monoclonal antibody

Catalog Number: 84993-5-RR



Basic Information

Catalog Number: 84993-5-RR	GenBank Accession Number: BC010430	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4904	CloneNo.: 242449G4
Source: Rabbit	UNIPROT ID: P67809	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	Full Name: Y box binding protein 1	
	Calculated MW: 324 aa, 36 kDa	
	Observed MW: 49 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells,
Species Specificity: human	

Background Information

YBX1, also known as Y-box binding protein 1, is a multifunctional DNA- and RNA-binding protein and transcription factor that plays a crucial role in various cellular processes, including gene expression, RNA metabolism, and cellular stress response. The phosphorylation of YBX1 at serine 102 (Ser102) is a key post-translational modification that significantly impacts its function and localization within the cell. (PMID: 34680946)

Storage

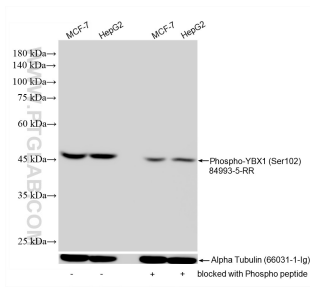
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



MCF-7 and HepG2 cell lysates were subjected to SDS PAGE followed by western blot with 84993-5-RR (Phospho-YBX1 (Ser102) antibody) blocked with BSA only and Phospho-YBX1 (Ser102) peptide at dilution of 1:2000 incubated at room temperature for 1.5 hours.