

For Research Use Only

# Phospho-YBX1 (Ser102) Recombinant monoclonal antibody, PBS Only

Catalog Number:84993-5-PBS



## Basic Information

Catalog Number:

84993-5-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC010430

GeneID (NCBI):

4904

UNIPROT ID:

P67809

Full Name:

Y box binding protein 1

Calculated MW:

324 aa, 36 kDa

Observed MW:

49 kDa

Purification Method:

Protein A purification

CloneNo.:

242449G4

## Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

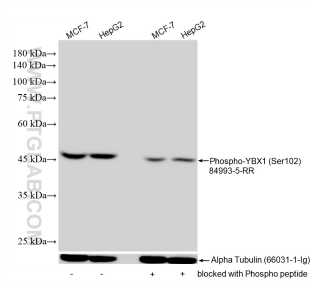
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W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 84993-5-PBS in a different storage buffer formulation.