

For Research Use Only

# Phospho-Histone H2B (Ser32) Recombinant monoclonal antibody

Catalog Number: 86873-1-RR



## Basic Information

<b>Catalog Number:</b> 86873-1-RR	<b>GenBank Accession Number:</b> BC005827	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8349	<b>CloneNo.:</b> 242907D4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q16778	<b>Recommended Dilutions:</b> WB: 1:1000-1:6000
<b>Isotype:</b> IgG	<b>Full Name:</b> histone cluster 2, H2be	
	<b>Calculated MW:</b> 14 kDa	
	<b>Observed MW:</b> 20 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : nocodazole treated HeLa cells,
<b>Species Specificity:</b> human	

## Background Information

During mitosis, Aurora-B directly binds and phosphorylates Histone H2B at Ser32. (PMID: 29563611)

## 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

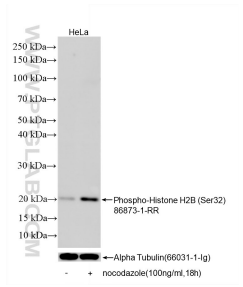
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86873-1-RR (Phospho-Histone H2B (Ser32) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Alpha Tubulin Monoclonal antibody (66031-1-Ig) as loading control.