

For Research Use Only

# Phospho-S6 Ribosomal protein (Ser240/244) Recombinant antibody



Catalog Number: 81184-1-RR

## Basic Information

<b>Catalog Number:</b> 81184-1-RR	<b>GenBank Accession Number:</b> NM_001010	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 400 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6194	<b>CloneNo.:</b> 5J13
<b>Source:</b> Rabbit	<b>Full Name:</b> ribosomal protein S6	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Observed MW:</b> 32 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Calyculin A treated HeLa cells, Calyculin A treated HEK-293 cells
<b>Species Specificity:</b> Human	

## Background Information

Ribosomal protein S6 (RPS6), also named Phosphoprotein NP33, may play an important role in controlling cell growth and proliferation through the selective translation of particular classes of mRNA. Ribosomal protein S6 is the major substrate of protein kinases in eukaryote ribosomes. The phosphorylation is stimulated by growth factors, tumor promoting agents, and mitogens and is dephosphorylated at growth arrest.

## Storage

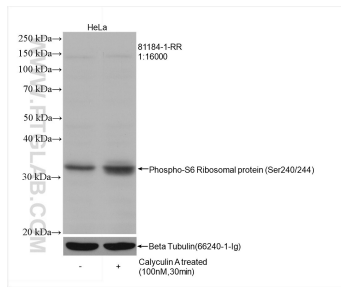
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

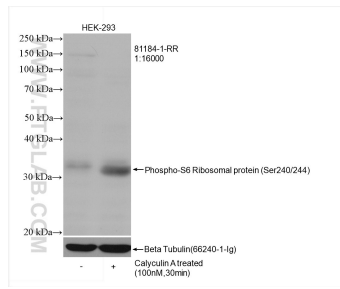
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data



Non-treated and Calyculin A treated HeLa cells were subjected to SDS PAGE followed by western blot with 81184-1-RR (Phospho-S6 Ribosomal protein (Ser240/244) antibody) at dilution of 1:16000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as the loading control.



Non-treated and Calyculin A treated HEK-293 cells were subjected to SDS PAGE followed by western blot with 81184-1-RR (Phospho-S6 Ribosomal protein (Ser240/244) antibody) at dilution of 1:16000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as the loading control.