

For Research Use Only

# Phospho-Glucocorticoid receptor (Ser211) Recombinant monoclonal antibody

Catalog Number: 87413-2-RR



## Basic Information

<b>Catalog Number:</b> 87413-2-RR	<b>GenBank Accession Number:</b> BC015610	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2908	<b>CloneNo.:</b> 252652B4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P04150	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	
	<b>Calculated MW:</b> 86 kDa	
	<b>Observed MW:</b> 95 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : dexamethasone treated PC-12 cells,
<b>Species Specificity:</b> human	

## Background Information

Glucocorticoid receptor (GR, or GCR) also known as NR3C1 (nuclear receptor subfamily 3, group C, member 1) is a receptor for glucocorticoids, which owns a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE) and as a modulator of other transcription factors. Ser211 is located within the hinge region of the GR, which connects the DNA-binding domain and the ligand-binding domain. Phosphorylation at Ser211 is crucial for the receptor's transcriptional activity and nuclear translocation. (PMID: 40362450)

## 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

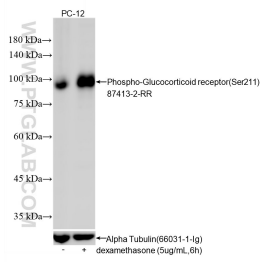
For technical support and original validation data for this product please contact:

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



Non-treated PC-12 cells and dexamethasone treated PC-12 cells were subjected to SDS PAGE followed by western blot with 87413-2-RR (Phospho-Glucocorticoid receptor (Ser211) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control.