

For Research Use Only

# Phospho-Glucocorticoid receptor (Ser211) Recombinant monoclonal antibody

Catalog Number: 87413-2-RR



## Basic Information

**Catalog Number:**

87413-2-RR

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC015610

**GeneID (NCBI):**

2908

**UNIPROT ID:**

P04150

**Full Name:**

nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)

**Calculated MW:**

86 kDa

**Observed MW:**

95 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

252652B4

**Recommended Dilutions:**

WB: 1:1000-1:4000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : dexamethasone treated PC-12 cells,

## 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

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

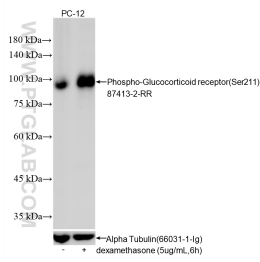
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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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.