

For Research Use Only

# Phospho-Glucocorticoid receptor (Ser211) Recombinant monoclonal antibody, PBS Only

Catalog Number: 87413-2-PBS



## Basic Information

Catalog Number:

87413-2-PBS

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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

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 -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:

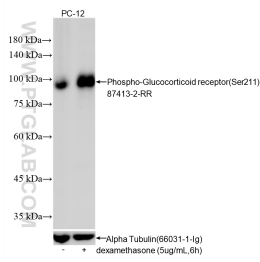
T: 4006900926

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

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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. This data was developed using the same antibody clone with 87413-2-PBS in a different storage buffer formulation.

