

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	GenBank Accession Number: BC015610	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2908	CloneNo.: 252652B4
Source: Rabbit	UNIPROT ID: P04150	
Isotype: IgG	Full Name: nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	
	Calculated MW: 86 kDa	
	Observed MW: 95 kDa	

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.

Storage Buffer:
PBS only, pH7.3

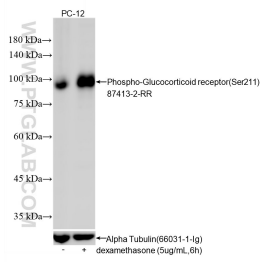
For technical support and original validation data for this product please contact:

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

