

For Research Use Only

# Glucocorticoid receptor Recombinant antibody, PBS Only



Catalog Number: 82619-4-PBS

## Basic Information

<b>Catalog Number:</b> 82619-4-PBS	<b>GenBank Accession Number:</b> BC015610	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 2908	<b>CloneNo.:</b> 2F22
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P04150	
<b>Isotype:</b> IgG	<b>Full Name:</b> nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	
<b>Immunogen Catalog Number:</b> AG21146	<b>Calculated MW:</b> 86 kDa	
	<b>Observed MW:</b> 94-97 kDa	

## Applications

**Tested Applications:**  
WB,IP,Indirect ELISA,IHC,IF

**Species Specificity:**  
Human, Mouse

## 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. It is involved in cell proliferation and differentiation and specifically implicated in newborn birth weight, thus providing a biological mechanism by which NR3C1 expression may influence birth weight (PMID:22810058).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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

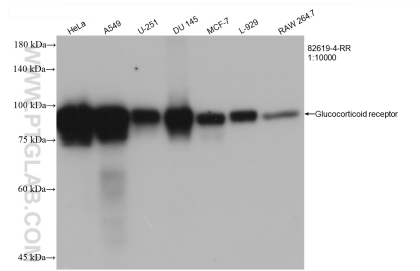
T: 4006900926

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

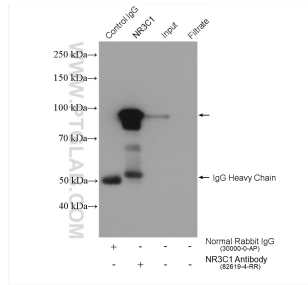
W: [ptgcn.com](http://ptgcn.com)

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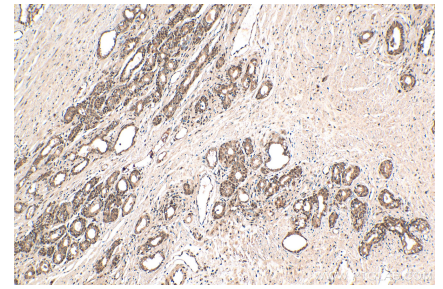
## Selected Validation Data



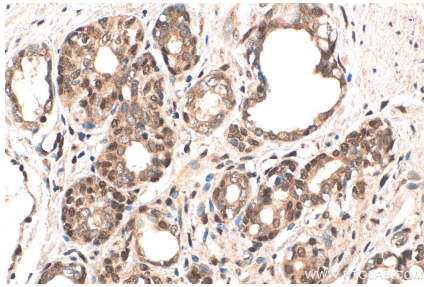
Various lysates were subjected to SDS PAGE followed by western blot with 82619-4-RR (Glucocorticoid receptor antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82619-4-PBS in a different storage buffer formulation.



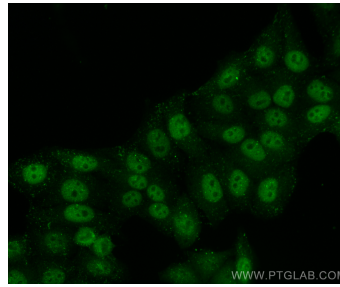
IP result of anti-Glucocorticoid receptor (IP:82619-4-RR, 4ug; Detection:82619-4-RR 1:8000) with HepG2 cells lysate 1920 ug. This data was developed using the same antibody clone with 82619-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 82619-4-RR (Glucocorticoid receptor antibody) at dilution of 1:350 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82619-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 82619-4-RR (Glucocorticoid receptor antibody) at dilution of 1:350 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82619-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Glucocorticoid receptor antibody (82619-4-RR, Clone: 2F22) at dilution of 1:1000 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 82619-4-PBS in a different storage buffer formulation.