

For Research Use Only

Glucocorticoid receptor Recombinant antibody, PBS Only

Catalog Number: 82619-4-PBS



Basic Information

Catalog Number:

82619-4-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21146

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:

94-97 kDa

Purification Method:

Protein A purification

CloneNo.:

2F22

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

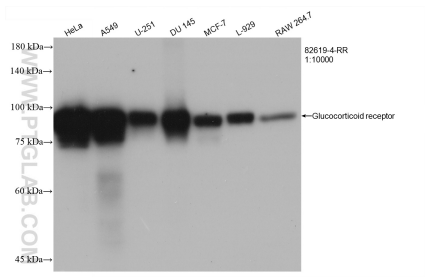
T: 4006900926

E: Proteintech-CN@ptglab.com

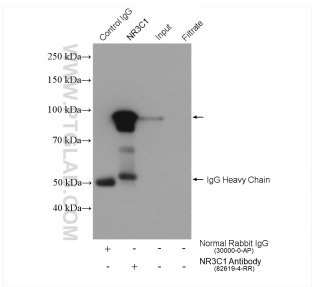
W: ptgcn.com

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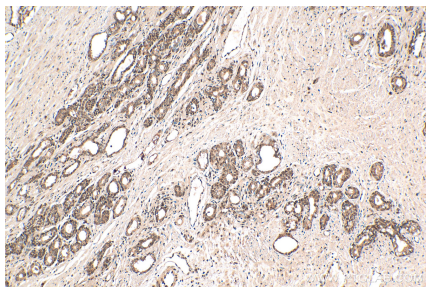
Selected Validation Data



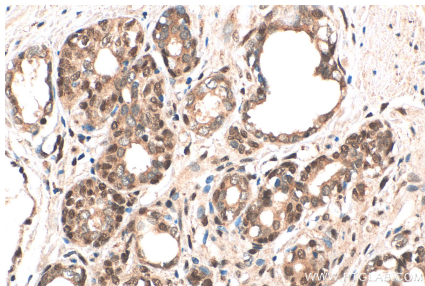
Various lysates were subjected to SDS PAGE followed by western blot with 82619-4-RR (Glucocorticoid receptor antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82619-4-PBS in a different storage buffer formulation.



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.



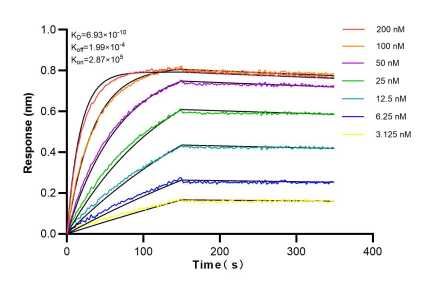
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 82619-4-RR (Glucocorticoid receptor antibody) at dilution of 1:350 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82619-4-PBS 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 Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red). This data was developed using the same antibody clone with 82619-4-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 82619-4-RR against Human Glucocorticoid receptor were performed. The affinity constant is 0.693 nM.