

Glucocorticoid receptor Monoclonal antibody, PBS Only

Catalog Number: 66904-1-PBS

Basic Information

Catalog Number:

66904-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28431

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:

97 kDa

Purification Method:

Protein A purification

CloneNo.:

1D9A9

Applications

Tested Applications:

WB, IHC, IF, ELISA

Species Specificity:

Human, mouse, rat

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:

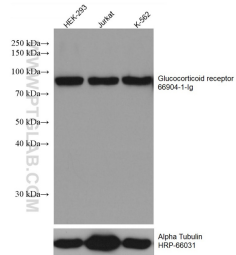
Store at -80°C.

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

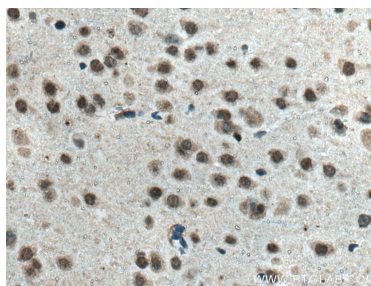
Storage Buffer:

PBS only

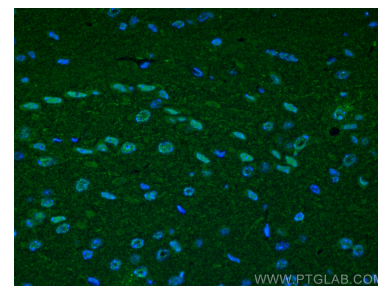
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66904-1-Ig (Glucocorticoid receptor antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 66904-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66904-1-Ig (Glucocorticoid receptor antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66904-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Glucocorticoid receptor antibody (66904-1-Ig, Clone: 1D9A9) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66904-1-PBS in a different storage buffer formulation.