For Research Use Only

CoraLite®594-conjugated Glucocorticoid receptor Monoclonal antibody

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:CL594-66904

Basic Information

Catalog Number:
CL594-66904

Size:
1000 μg/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 G purification

CloneNo.:
1D9A9

Recommended Dilutions:
IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF-P, FC (Intra)

Species Specificity:
Human, mouse, rat

Positive Controls:

IF-P : mouse brain tissue,

Background Information

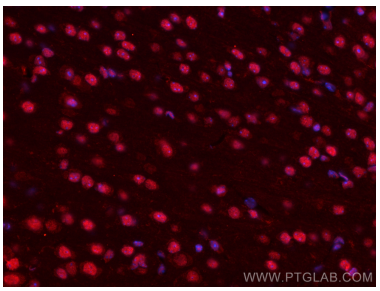
NR3C1 is a receptor for glucocorticoids, which owns a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE) and as a modulator of other transcription factors. It is involved in cell proliferation and differentiation and specifically implicated in newborn birth weight, thus providing a biological mechanism by which NR3C1 expression may influence birth weight [PMID:22810058].

Storage

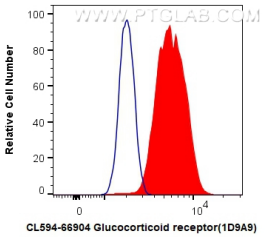
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 Glucocorticoid receptor antibody (CL594-66904, Clone: 1D9A9) at dilution of 1:200.



1X10^6 HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human Glucocorticoid receptor (CL594-66904, Clone:1D9A9) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).