

For Research Use Only



# CoraLite®594-conjugated Glucocorticoid receptor Monoclonal antibody

Catalog Number: **CL594-66904**

## Basic Information

<b>Catalog Number:</b> CL594-66904	<b>GenBank Accession Number:</b> BC015610	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 2908	<b>CloneNo.:</b> 1D9A9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P04150	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG28431	<b>Calculated MW:</b> 86 kDa	
	<b>Observed MW:</b> 97 kDa	

## Applications

### Tested Applications:

FC (Intra), IF-P

### Species Specificity:

Human, mouse, rat

### Positive Controls:

IF : 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:

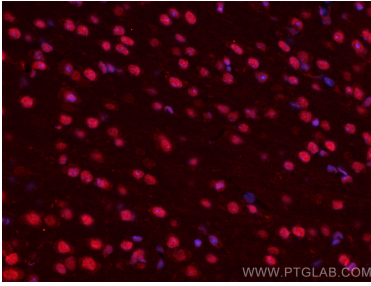
T: 4006900926

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

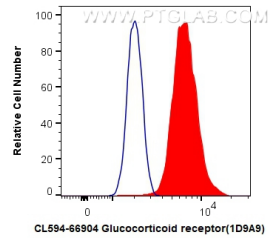
W: [ptgcn.com](http://ptgcn.com)

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## 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.



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.4  $\mu$ g CoraLite®594 Anti-Human Glucocorticoid receptor (CL594-66904, Clone:1D9A9) (red), or 0.4  $\mu$ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).