

For Research Use Only



# CoraLite® Plus 488-conjugated Glucocorticoid receptor Polyclonal antibody

Catalog Number: **CL488-24050**

Featured Product

1 Publications

## Basic Information

Catalog Number:  
CL488-24050

Size:  
1000 µg/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:  
Antigen affinity purification

Recommended Dilutions:  
IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:  
493 nm / 522 nm

## Applications

Tested Applications:  
FC (Intra), IF/ICC

Cited Applications:  
IF

Species Specificity:  
human, mouse, rat

Cited Species:  
mouse

Positive Controls:

IF : A549 cells,

## 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].

## Notable Publications

Author	Pubmed ID	Journal	Application
Mehdi Boutagouga Boudjadja	36182699	Curr Biol	IF

## 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:

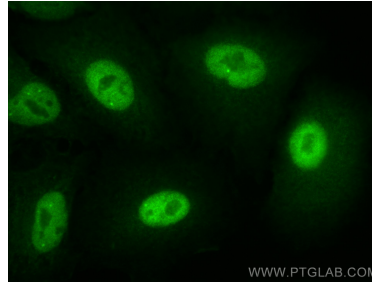
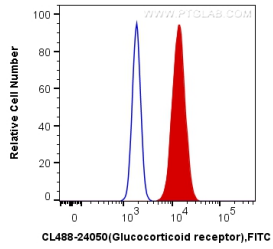
T: 4006900926

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

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

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## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Glucocorticoid receptor (CL488-24050) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).

Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488 Glucocorticoid receptor antibody (CL488-24050) at dilution of 1:200.