

CoraLite® Plus 488-conjugated Glucocorticoid receptor Monoclonal antibody

Catalog Number: CL488-66904

Basic Information

Catalog Number: CL488-66904	GenBank Accession Number: BC015610	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 2908	CloneNo.: 1D9A9
Source: Mouse	UNIPROT ID: P04150	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG1	Full Name: nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG28431	Calculated MW: 86 kDa	
	Observed MW: 97 kDa	

Applications

Tested Applications: IF-P, FC (Intra)	Positive Controls: IF-P: mouse brain tissue,
Species Specificity: Human, mouse, rat	

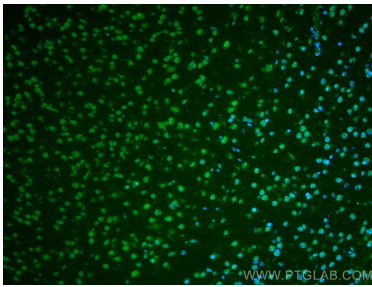
Background Information

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].

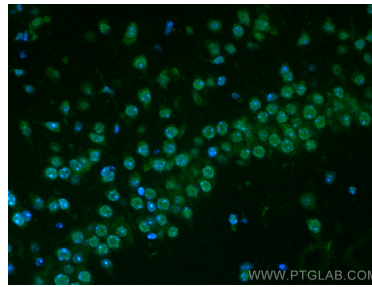
Storage

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

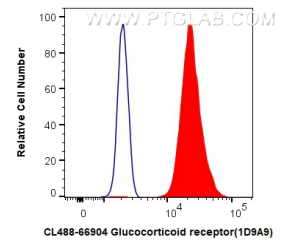
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Coralite® Plus 488 Glucocorticoid receptor antibody (CL488-66904, Clone: 1D9A9) at dilution of 1:200.



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1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human Glucocorticoid receptor (CL488-66904, Clone:1D9A9) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).