

For Research Use Only

CoraLite® Plus 488-conjugated Glucocorticoid receptor Recombinant antibody



Catalog Number: **CL488-82619-4**

Basic Information

Catalog Number: CL488-82619-4	GenBank Accession Number: BC015610	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2908	CloneNo.: 2F22
Source: Rabbit	UNIPROT ID: P04150	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG	Full Name: nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	Excitation/Emission maxima wavelenghts: 493 nm / 522 nm
Immunogen Catalog Number: AG21146	Calculated MW: 86 kDa	
	Observed MW: 94-97 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HepG2 cells,
Species Specificity: Human, Mouse	

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 -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:

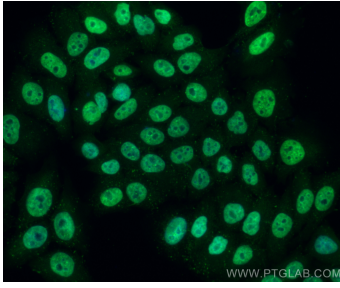
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 Glucocorticoid receptor antibody (CL488-82619-4, Clone: 2F22) at dilution of 1:200.