

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: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2908	CloneNo.: 2F22
Source: Rabbit	UNIPROT ID: P04150	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	Excitation/Emission maxima wavelengths: 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/ICC : 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).

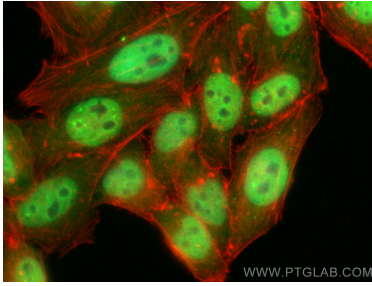
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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, CL594-phalloidin (red).