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Anti-Glucocorticoid Receptor Rabbit mAb [80H93]

Catalog No.: A52137

Basic Information

Catalog No. (Cat.No.)	A52137
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	Glucocorticoid Receptor,GR,GR,NR3C1,glucocorticoid receptor alpha,glucocorticoid receptor

Product Information

Target	Glucocorticoid Receptor
Molecular Weight(Calculated)	85 kDa
Molecular Weight(Observed)	94 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	80H93
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:1000-1:4000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Glucocorticoid receptor
Gene Name	*NR3C1*
Domain	NA
Background	Glucocorticoid Receptor (GR) is a transcriptional regulatory protein of the nuclear receptor superfamily, widely expressed in various human tissue cells. It coregulates systemic inflammatory immune response, glucose and lipid metabolism, cell proliferation and apoptosis, and stress response. After specifically binding to glucocorticoids, GR translocates into the nucleus to regulate the transcription of downstream inflammation and metabolism-related target genes, inhibit excessive inflammatory responses, adjust metabolic balance and suppress abnormal cell proliferation. Functional defects, abnormal expression or signaling disorder of GR lead to uncontrolled inflammation, metabolic disorder and immune imbalance, inducing autoimmune diseases, metabolic syndrome, tumors and chronic inflammatory diseases.