

Rabbit Glucocorticoid Receptor Monoclonal Antibody | anti-Nr3c1 antibody

Recombinant Glucocorticoid Receptor Monoclonal Antibody

CATALOG # AAA178850	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Glucocorticoid Receptor; Monoclonal Antibody; Recombinant Glucocorticoid Receptor Monoclonal Antibody; GR; GCR; GRL; GCCR; GCRST; anti-Nr3c1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R04-8C8
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-Nr3c1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of mouse Glucocorticoid Receptor
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of Glucocorticoid Receptor(green) in Hela cells using Glucocorticoid Receptor Rabbit mAb at dilution 1:50, and DAPI(blue)



WB (Western Blot)

Western blot detection of Glucocorticoid Receptor in K562, 3T3, Hela cell lysates using Glucocorticoid Receptor Rabbit mAb(1:1000 diluted). Predicted band size: 86kDa. Observed band size: 94, 91kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-Nr3c1 antibody	Receptor for glucocorticoids (GC). Has a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE), both for nuclear and mitochondrial DNA, and as a modulator of other transcription factors. Affects inflammatory responses, cellular proliferation and differentiation in target tissues. Involved in chromatin remodeling (PubMed:10678832). Plays a role in rapid mRNA degradation by binding to the 5' UTR of target mRNAs and interacting with PNRC2 in a ligand-dependent manner which recruits the RNA helicase UPF1 and the mRNA-decapping enzyme DCP1A, leading to RNA decay. Could act as a coactivator for STAT5-dependent transcription upon growth hormone (GH) stimulation and could reveal an essential role of hepatic GR in the control of body growth (PubMed:15037546).
Product Categories/Family for anti-Nr3c1 antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	121073
NCBI GeneID	14815
UniProt Accession #	P06537; Q61628; Q61629; E0ZPU5
Molecular Weight	81,888 Da
NCBI Official Full Name	Glucocorticoid receptor
NCBI Official Synonym Full Names	nuclear receptor subfamily 3, group C, member 1
NCBI Official Symbol	Nr3c1
NCBI Official Synonym Symbols	GR; Grl1; Grl-1
NCBI Protein Information	glucocorticoid receptor
UniProt Protein Name	Glucocorticoid receptor
UniProt Gene Name	Nr3c1
UniProt Synonym Gene Names	Grl; Grl1; GR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/glucocorticoid-receptor-antibody-clone-r04-8c8-immunofluorescence-western-blot-elisa/178850>