

**Product Name: Glucocorticoid Receptor Rabbit  
Monoclonal Antibody  
Catalog #: AMRe02037**

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## Summary

<b>Production Name</b>	Glucocorticoid Receptor Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	Nr3C1
<b>Alternative Names</b>	GR; GCR; GRL; GCCR; GCRST
<b>Gene ID</b>	14815.0
<b>SwissProt ID</b>	P06537

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IF: 1/50-1/200
<b>Molecular Weight</b>	Calculated MW: 87 kDa; Observed MW: 94,91 kDa

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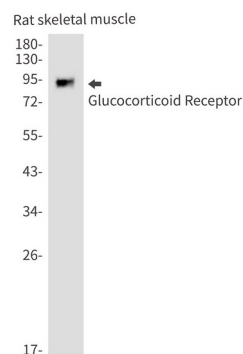
## Background

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. 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.

## Research Area

Signal Transduction

## Image Data



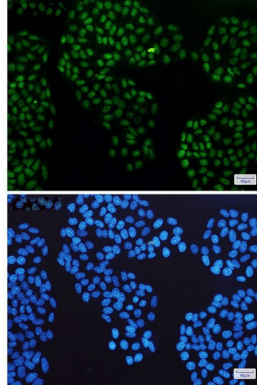
Western blot analysis of Glucocorticoid Receptor in rat skeletal muscle lysates using Glucocorticoid Receptor antibody.



Western blot analysis of Glucocorticoid Receptor in K562, 3T3, HeLa lysates using Glucocorticoid Receptor antibody.

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Immunocytochemistry analysis of Glucocorticoid Receptor(green) in HeLa using Glucocorticoid Receptor antibody, and DAPI(blue)

**Note**

For research use only.