

**Product Name: Glucocorticoid Receptor Rabbit
Monoclonal Antibody
Catalog #: AMRe85614**

Summary

Production Name	Glucocorticoid Receptor Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB, ICC
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Glucocorticoid Receptor
Alternative Names	GR; GCR; GRL; GCCR; GCRST
Gene ID	14815.0
SwissProt ID	P06537. Recombinant protein of mouse Glucocorticoid Receptor

Application

Dilution Ratio	WB 1:500-1:1000, ICC 1:50-1:200
Molecular Weight	Calculated MW: 87 kDa; Observed MW: 94,91 kDa

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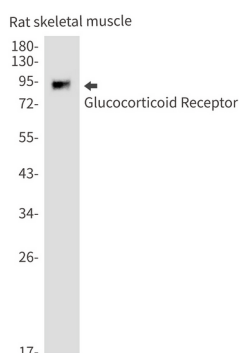


Background

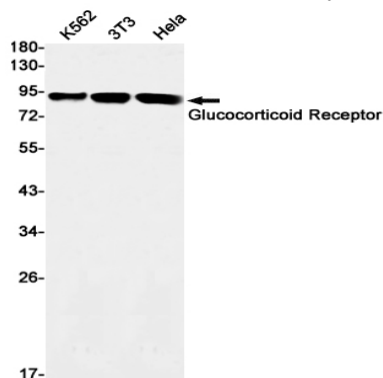
Receptor for glucocorticoids (GC). Has a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE), both for nuclear and mitochondrial DNA, and as a modulator of other transcription factors. Affects inflammatory responses, cellular proliferation and differentiation 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

Image Data

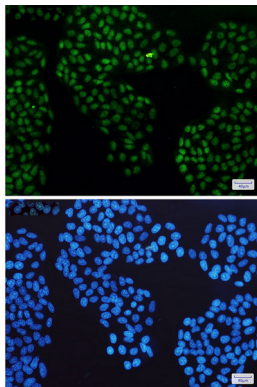


Western blot analysis of Glucocorticoid Receptor in rat skeletal muscle lysates using Glucocorticoid Receptor antibody.



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.