

GLUCOCORTICOID RECEPTOR RABBIT MAB

Cat.#: N262278

Product Name: Anti-Glucocorticoid Receptor Rabbit Monoclonal Antibody

Synonyms: GR; GCR; GRL; GCCR; GCRST

UNIPROT ID: P06537

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.

Immunogen: Recombinant protein of mouse Glucocorticoid Receptor

Applications: WB, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R04-8C8

MW: Calculated MW: 87 kDa; Observed MW: 94,91 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

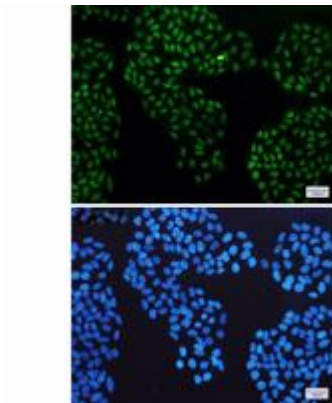
Conjugation: Unconjugated

Modification: Unmodified

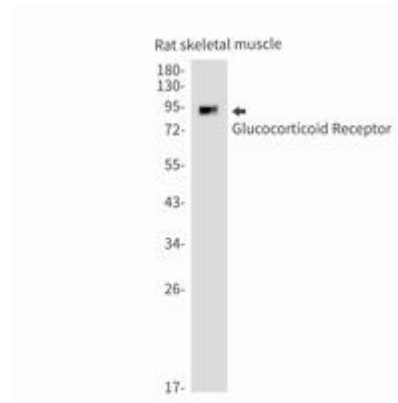
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

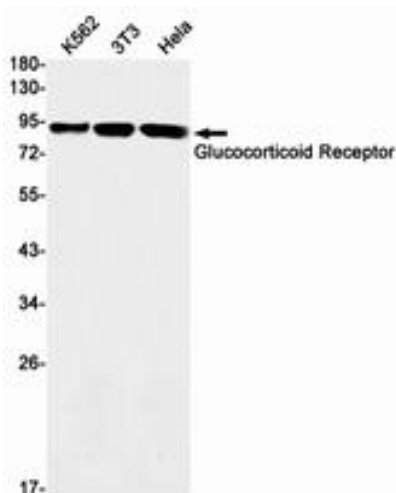
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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.