

## Recombinant Glucocorticoid Receptor Monoclonal Antibody

catalog number: **E-AB-81561**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

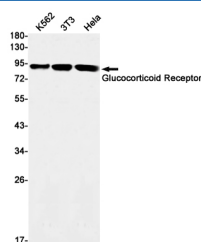
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant protein of mouse Glucocorticoid Receptor
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R04-8C8
<b>Purification</b>	Affinity Purified
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:500-1:1000
<b>IF</b>	1:50-1:100

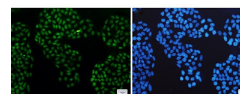
### Data



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.

**Observed-MW:94 /91 kDa**

**Calculated-MW:86 kDa**



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

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### 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 (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).

### For Research Use Only