

A19583

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# Glucocorticoid Receptor Rabbit mAb

Catalog No.: A19583

Recombinant

4 Publications

## Basic Information

### Observed MW

94kDa

### Calculated MW

86kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human,Mouse,Rat

### CloneNo number

ARC0062

## Background

This gene encodes glucocorticoid receptor, which can function both as a transcription factor that binds to glucocorticoid response elements in the promoters of glucocorticoid responsive genes to activate their transcription, and as a regulator of other transcription factors. This receptor is typically found in the cytoplasm, but upon ligand binding, is transported into the nucleus. It is involved in inflammatory responses, cellular proliferation, and differentiation in target tissues. Mutations in this gene are associated with generalized glucocorticoid resistance. Alternative splicing of this gene results in transcript variants encoding either the same or different isoforms. Additional isoforms resulting from the use of alternate in-frame translation initiation sites have also been described, and shown to be functional, displaying diverse cytoplasm-to-nucleus trafficking patterns and distinct transcriptional activities (PMID:15866175).

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts  
of whole cells

**ELISA** Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

## Immunogen Information

### Gene ID

2908

### Swiss Prot

P04150

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 2-180 of human GR (P04150).

### Synonyms

GR; GCR; GRL; GCCR; GCRST; Glucocorticoid Receptor

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

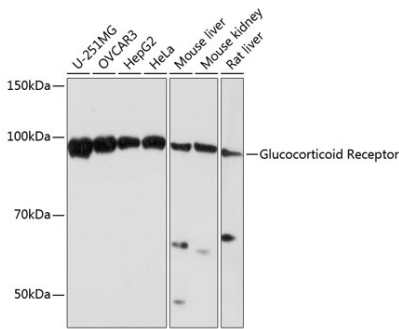
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Contact

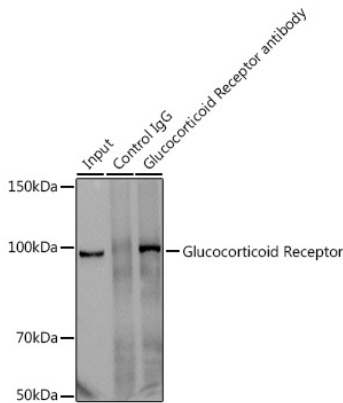


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# Validation Data



Western blot analysis of various lysates using Glucocorticoid Receptor Rabbit mAb (A19583) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunoprecipitation analysis of 300 µg extracts of U-251MG cells using 3 µg Glucocorticoid Receptor antibody (A19583). Western blot was performed from the immunoprecipitate using Glucocorticoid Receptor antibody (A19583) at a dilution of 1:1000.