

Glucocorticoid Receptor Rabbit mAb

Catalog No: #52308

Package Size: #52308-1 50ul #52308-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

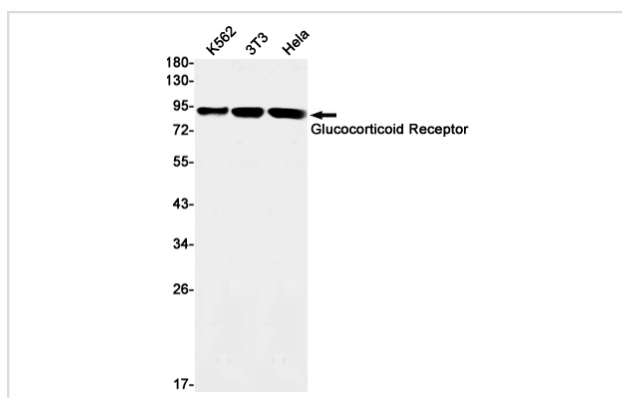
Description

Product Name	Glucocorticoid Receptor Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-8C8
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of mouse Glucocorticoid Receptor
Conjugates	Unconjugated
Modification	Unmodification
Other Names	GR; GCR; GRL; GCCR; GCRST
Accession No.	Swiss-Prot:P06537GenelD:2908
Uniprot	P06537
GenelD	2908
Calculated MW	Calculated MW: 86 kDa; Observed MW: 94,91 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

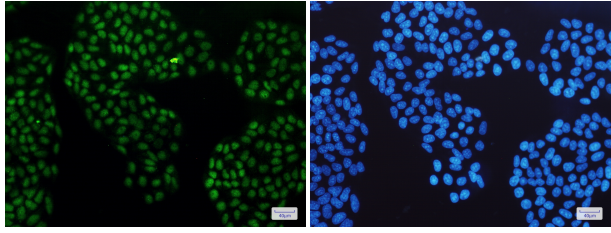
Application Details

WB: 1/1000; ICC/IF: 1/50;

Images



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.



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

Background

Swiss-Prot Acc.P06537.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 PNR2 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).

Note: This product is for in vitro research use only