

Glucocorticoid Receptor Rabbit mAb

Catalog No: #52688

Package Size: #52688-1 50ul #52688-2 100ul

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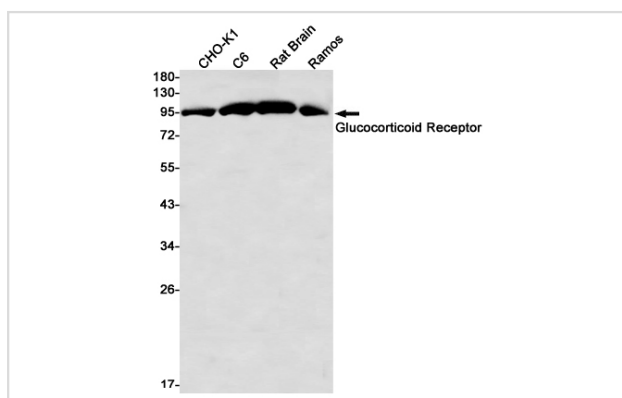
Description

Product Name	Glucocorticoid Receptor Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S02-5A3
Isotype	IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human Glucocorticoid Receptor
Conjugates	Unconjugated
Modification	Unmodification
Other Names	GR; GCR; GRL; GCCR; GCRST
Accession No.	Swiss-Prot:P04150GenelD:2908
Uniprot	P04150
GenelD	2908
Calculated MW	Calculated MW:86 kDa,Observed MW:94 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: 1/2000-1/10000

Images



Western blot detection of Glucocorticoid Receptor in CHO-K1,C6,Rat Brain,Ramos cell lysates using Glucocorticoid Receptor Rabbit mAb(1:1000 diluted).Predicted band size:86kDa.Observed band size:86kDa.

Background

Receptor for glucocorticoids (GC) (PubMed:27120390).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:9590696).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 (PubMed:25775514).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 (By similarity).

Note: This product is for in vitro research use only