

GR monoclonal antibody

Catalog: MB9239

Host: Mouse

Reactivity: Human, Mouse

BackGround:

The glucocorticoid receptor (GR) is a ubiquitously expressed transcription factor that mediates the effects of glucocorticoids. The most abundant isoform is GR α . GR induces or represses the expression of genes in response to glucocorticoids, mediating such processes as apoptosis, cell growth and differentiation. A significant class of genes suppressed by GR is controlled by the transcription factor AP-1. GR has also been shown to be the limiting factor in the induction of gene expression by glucocorticoids. It has been revealed that GR forms a complex with HSP 90, rendering the non-ligand bound receptor transcriptionally inactive. More importantly, mutant GRs lacking the signaling domain remain constitutively active.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

86 kDa

Swiss-Prot:

P04150(Human) P06537(Mouse)

Purification&Purity:

ProG affinity purified.

Applications:

WB:1:1,000-1:2,000

IHC:1:50-1:200

FC:1:50-1:100

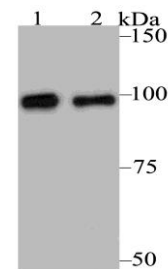
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

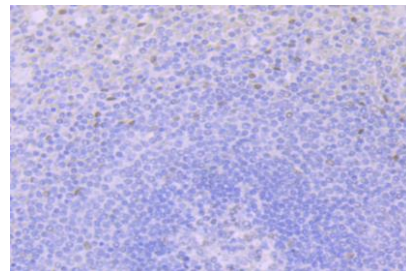
Specificity:

GR monoclonal antibody detects endogenous levels of GR protein.

DATA:



Western blot analysis of Glucocorticoid Receptor alpha on SiHa (1) and A549 (2) using anti-Glucocorticoid Receptor alpha antibody at 1/5,000 dilution.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-Glucocorticoid Receptor alpha antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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