

GR (Phospho-Ser203) Antibody

Catalog No: #12062

Package Size: #12062-1 50ul #12062-2 100ul

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Description

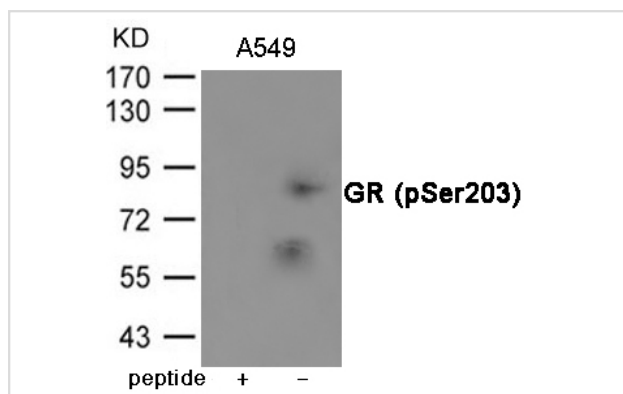
Product Name	GR (Phospho-Ser203) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of GR only when phosphorylated at Serine 203.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 203 (S-G-S(p)-P-G) derived from Human GR.
Target Name	GR
Modification	Phospho
Other Names	GCCR, GCR, GR, GRL
Accession No.	Swiss-Prot#: P04150; NCBI Gene#: 2908; NCBI Protein#: NP_000167.1
SDS-PAGE MW	86kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Predicted MW: 86kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from A549 cells using GR (Phospho-Ser203) Antibody #12062. The lane on the left is treated with the antigen-specific peptide.

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. 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. Involved in chromatin remodeling. Plays a significant role in transactivation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.