

Anti human GR common mouse monoclonal antibody

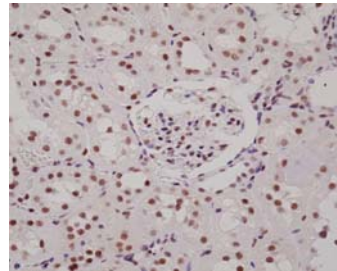
GR: Glucocorticoid Receptor

Code No	PP-H8004-00 old No. —
Clone No.	H8004
Lot.	A-2
Concentration	1 mg/mL
Volume	100 uL
Ig Class	G2a
Description	Glucocorticoid receptor (GR; NR3C1) is a member of steroid receptor (AR, ER, MR, PR). GR is expressed in almost all human tissues and organs. GR binds to its sequences as an homodimer. Two different forms, GR α and GR β , differing in their C-terminal parts were isolated. GR α is the classic GR that binds to glucocorticoids and transactivates or transrepresses glucocorticoid-responsive promoters. GR β does not bind glucocorticoids.
Nomenclature	NR3C1
Genbank	X03225
Origin	Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human GR alpha (2-60 aa).
Specificity	This antibody specifically recognizes human GR alpha and beta and cross reacts with rat GR alpha and beta. Not yet tested in other species.
Purification	Ammonium sulfate fractionation.
Formulation	Physiological saline with 0.1% NaN ₃ as a preservative.

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot	1-10 ug/mL
Non reducing Western Blot	Not yet tested
ELISA	0.35 ug/mL(A450=1.0)
Immunoprecipitation	Decide by use
Supershift Assay	Not yet tested
Chromatin immunoprecipitation	Not yet tested
Immunohistochemistry	10 ug/mL



Rat
Kidney
paraffin section

Storage Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

Reference

Notes Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

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MADE IN JAPAN

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