

Anti human GR common mouse monoclonal antibody

GR: Glucocorticoid Receptor

Code No PP-H8031-00

Clone No. H8031

Lot. A-1

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 mouse and rat GR alpha and beta.

Purification Ammonium sulfate fractionation

Formulation Physiological saline with 0.1% NaN₃ 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 1ug/mL

Non reducing Western Blot Not yet tested

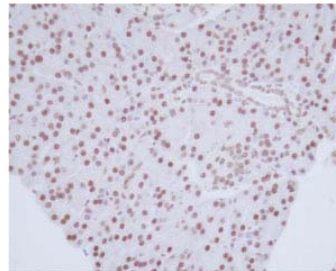
ELISA 0.3ug/mL

Immunoprecipitation Decide by use

Supershift Assay Not yet tested

Chromatin immunoprecipitation Not yet tested

Immunohistochemistry 10ug/mL



Rat
pancreas
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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