

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, GRa and GRb, differing in their C-terminal parts were isolated. GRa is the classic GR that binds to glucocorticoids and transactivates or transrepresses glucocorticoid-responsive promoters. GRb 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

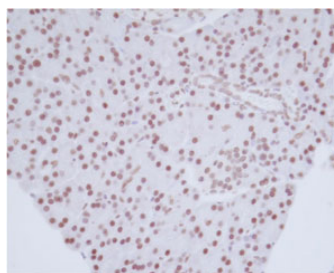
ELISA 0.3ug/mL

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.

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

MADE IN JAPAN

Apr 17, 2008