

## Anti human GR common mouse monoclonal antibody

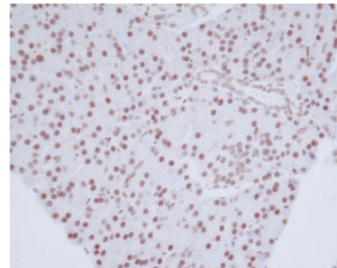
GR: Glucocorticoid Receptor

<b>Code No</b>	PP-H8031-00 old No. 2ZH8031H
<b>Clone No.</b>	H8031
<b>Lot.</b>	A-1
<b>Concentration</b>	1 mg/mL
<b>Volume</b>	100 uL
<b>Ig Class</b>	G2a
<b>Description</b>	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 a homodimer. Two different forms, GR $\alpha$ and GR $\beta$ , differing in their C-terminal parts were isolated. GR $\alpha$ is the classic GR that binds to glucocorticoids and transactivates or transrepresses glucocorticoid-responsive promoters. GR $\beta$ does not bind glucocorticoids.
<b>Nomenclature</b>	NR3C1
<b>Genbank</b>	X03225
<b>Origin</b>	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).
<b>Specificity</b>	This antibody specifically recognizes human GR $\alpha$ and $\beta$ , and cross reacts with mouse and rat GR $\alpha$ and $\beta$ .
<b>Purification</b>	Ammonium sulfate fractionation
<b>Formulation</b>	Physiological saline with 0.1% NaN <sub>3</sub> as a preservative.

### Application / Recommended Concentration

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

<b>Western Blot</b>	1ug/mL
<b>Non reducing Western Blot</b>	Not yet tested
<b>ELISA</b>	0.3ug/mL
<b>Immunoprecipitation</b>	Decide by use
<b>Supershift Assay</b>	Not yet tested
<b>Chromatin immunoprecipitation</b>	Not yet tested
<b>Immunohistochemistry</b>	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**

Apr 17, 2008