

bs-0252R**[Primary Antibody]**

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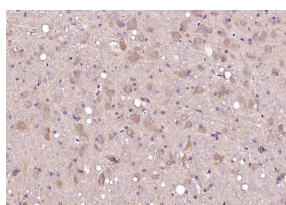
400-901-9800

Glucocorticoid receptor Rabbit pAb

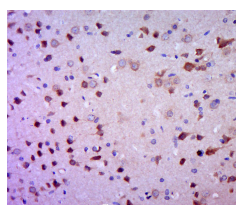
DATASHEET

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1µg/Test) Reactivity: Human, Mouse, Rat Predicted MW.: 85 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 2908	SWISS: P04150	
Target: Glucocorticoid receptor		
Immunogen: KLH conjugated synthetic peptide derived from human Glucocorticoid receptor: 231-320/777.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Steroid receptors are ligand-dependent, intracellular proteins that stimulate transcription of specific genes by binding to specific DNA sequences following activation by the appropriate hormone. Glucocorticoids are a family of steroids necessary for the regulation of energy metabolism and the immune and inflammatory responses. These compounds exert their effect through their interaction with the glucocorticoid receptor (GR) and that complex's subsequent association with DNA. All normal mammalian tissues examined to date have been shown to contain glucocorticoid receptor.		

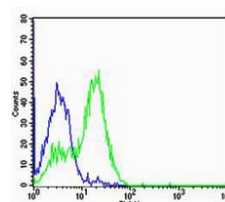
VALIDATION IMAGES



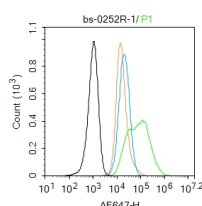
Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Glucocorticoid receptor) Polyclonal Antibody, Unconjugated (bs-0252R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GCR) Polyclonal Antibody, Unconjugated (bs-0252R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Cell: H-4-II-E Concentration:1:100
 Host/Isotype:Rabbit/IgG Flow cytometric analysis of primary antibody (Cat#: bs-0252R) on H-4-II-E(green) compared with control in the absence of primary antibody (blue) followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG(H+L) secondary antibody .



Blank control:A549. Primary Antibody (green line): Rabbit Anti-Glucocorticoid receptor antibody (bs-0252R) Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=4.249]** Zoratto, F. et al. Intranasal oxytocin administration promotes emotional contagion and reduces aggression in a mouse model of callousness. (2018) *Neuropharmacology*. Sep 10;143:250-267. IHC ;mouse. 30213592
- **[IF=3.216]** Daneng Wei. et al. The Volatile Oil of *Zanthoxylum bungeanum* Pericarp Improved the Hypothalamic-Pituitary-Adrenal Axis and Gut Microbiota to Attenuate Chronic Unpredictable Stress-Induced Anxiety Behavior in Rats. *Drug Des Dev Ther*. 2021 Feb;15:769-786 IHC ;Rat. 33654382
- **[IF=3.252]** Ting-Wang Xiong. et al. Beneficial effects of *Dendrobium nobile* Lindl. Alkaloids (DNLA) on anxiety and depression induced by chronic unpredictable stress in rats. *Brain Res*. 2021 Nov;1771:147647 IHC ;rat. 34481787
- **[IF=1.69]** Guo et al. Androgen receptor reverts dexamethasone-induced inhibition of prostate cancer cell proliferation and migration. (2018) *Mol.Med.Rep*. 17:5887-5893 WB ;Human. 29436611
- **[IF=1.41]** Pang et al. Expression of glucocorticoid receptor-α in the epidermis of patients with psoriasis vulgaris. (2015) *Exp.Ther.Med*. 10:419-422 IHC ;Human. 26622331