bs-3168R **[Primary Antibody]**

Phospho-Glucocorticoid Receptor (Ser211) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2908 **SWISS:** P04150

Target: Phospho-Glucocorticoid Receptor (Ser211)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Glucocorticoid Receptor around the phosphorylation site of Ser211: NE(p-S)PW.

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 glucocoticoid receptor (GR) and that complex's subsequent association with DNA. All normal mammalian tissues examined to date have been shown to contain glucocorticoid receptor.

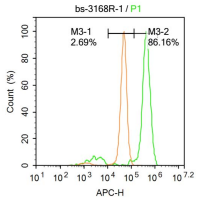
Applications: **Flow-Cyt** (1ug/Test)
ELISA (1:5000-10000)

Reactivity: Human, Mouse, Rabbit (predicted: Rat, Cow, Horse)

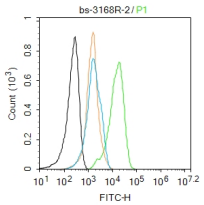
Predicted MW.: 85 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Blank control: Hela. Primary Antibody (green line): Rabbit Anti-RNA Phospho-Glucocorticoid Receptor antibody (bs-3168R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit 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 90% ice-cold methanol 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 -20°C .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.



Blank control:Hela. Primary Antibody (green line): Rabbit Anti-Phospho-Glucocorticoid Receptor (Ser211) antibody (bs-3168R) Dilution: 2µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-FITC 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=7.7]** Yuejie Yang. et al.Estrogen and glucocorticoid promote the lactoferrin synthesis and secretion ability of bovine

mammary epithelial cells through ER and GR signaling pathways.INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES.2025 Feb 2:140636. Western Blot ;bovine. 39904446

- **[IF=2.7]** Ding, Ying-xue, et al. "Regulation of glucocorticoid-related genes and receptors/regulatory enzyme expression in intrauterine growth restriction filial rats." Life Sciences (2016). WB ;="Rat". 26920630