

bs-23109R**[Primary Antibody]****ROR gamma T Rabbit pAb****Bioss**
ANTIBODIES

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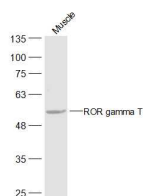
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— DATASHEET —

| | | |
|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) |
| Clonality: Polyclonal | | Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse) |
| GeneID: 19885 | SWISS: P51450 | |
| Target: ROR gamma T | | Predicted MW.: 58 kDa |
| Immunogen: KLH conjugated synthetic peptide derived from mouse ROR gamma T: 1-100/516. | | Subcellular Location: Nucleus |
| 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: The protein encoded by this gene is a DNA-binding transcription factor and is a member of the NR1 subfamily of nuclear hormone receptors. The specific functions of this protein are not known; however, studies of a similar gene in mice have shown that this gene may be essential for lymphoid organogenesis and may play an important regulatory role in thymopoiesis. In addition, studies in mice suggest that the protein encoded by this gene may inhibit the expression of Fas ligand and IL2. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] | | |

— VALIDATION IMAGES —

Sample: Muscle (Mouse) Lysate at 40 ug Primary:
Anti-ROR gamma T (bs-23109R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 54 kD
Observed band size: 54 kD

— SELECTED CITATIONS —

- **[IF=6]** Disi Deng. et al. Dihydroberberine alleviates Th17/Treg imbalance in premature ovarian insufficiency mice via inhibiting Rheb/mTOR signaling. MOL MED. 2024 Oct;30:194 WB ;Mouse. 39472803
- **[IF=4.932]** Liangjun Deng. et al. (RS)-bambuterol and its enantiomers: Potential improvement of (R)-bambuterol in mice with colitis. Int Immunopharmacol. 2022 Feb;103:108501 WB ;Mouse. 34974400
- **[IF=4.2]** Shuyu Ge. et al. Wuweixiaoduyin regulates TAZ-mediated immunoregulatory properties of Treg/TH17 cells in chronic osteomyelitis. BIOTECHNOL GENET ENG. 2023 Jan 14 WB ;Rat. 36641597
- **[IF=3.8]** Ting Chen. et al. Xiaojianzhong decoction attenuates aspirin-induced gastric mucosal injury via the PI3K/AKT/mTOR/ULK1 and AMPK/ULK1 pathways. PHARM BIOL. 2023;61(1):1234-1248 WB ;Mouse. 37602379

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

- **[IF=2.885]** Sun, Xinxin. et al. 0.1% Nano-silver mediates PD-1/PD-L1 pathway and alleviates chronic apical periodontitis in rats. ODONTOLOGY. 2022 Sep;;1-11 IHC ;Rat. 36057921