
RORC Rabbit pAb

Catalog Number: bs-6217R

Target Protein: RORC

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1ug/test)

Reactivity: Human, Rat (predicted:Mouse, Pig, Cow, Dog, Horse)

Predicted MW: 57 kDa

Entrez Gene: 6097

Swiss Prot: P51449

Source: KLH conjugated synthetic peptide derived from human RORC: 415-518/518.

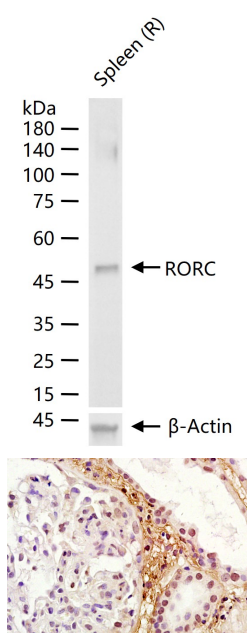
Purification: affinity purified by Protein A

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.

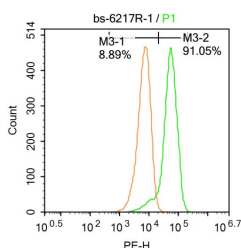
Background: The protein encoded by this gene is a DNA-binding transcription factor and is a member of the NR1 subfamily of nuclear hormone receptors. The specific functions of this protein are not known; however, studies of a similar gene in mice have shown that this gene may be essential for lymphoid 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



25 ug total protein per lane of various lysates (see on figure) probed with RORC polyclonal antibody, unconjugated (bs-6217R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 (RORG) Polyclonal Antibody, Unconjugated (bs-6217R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control: Molt-4. Primary Antibody (green line): Rabbit Anti-ROR Gamma antibody (bs-6217R) Dilution: 1µg /10⁶ 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 -20°C. 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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.093] Shahine Yasmine. et al. Diosmin nanocrystal gel alleviates imiquimod-induced psoriasis in rats via modulating TLR7,8/NF-κB/micro RNA-31, AKT/mTOR/P70S6K milieu, and Tregs/Th17 balance. INFLAMMOPHARMACOLOGY. 2023 Apr;:1-19 IHC ; Rat . 37010718

[IF=5] Chen PC. et al. Moonlighting glyceraldehyde-3-phosphate dehydrogenase of Lactobacillus gasseri inhibits keratinocyte apoptosis and skin inflammation in experimental atopic dermatitis.. ASIAN PAC J ALLERGY. 2024 May;: IHC ; Mouse . 38710643

[IF=5] Lantz Alyssa. et al. Female genital tract host factors and tenofovir and lamivudine active metabolites. J INFECT DIS. 2024 Jul;: WB ; Human . 39047063