bs-23929R **[Primary Antibody]**

IL17RB Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: IL17RB

Immunogen: KLH conjugated synthetic peptide derived from mouse IL17RB: 251-350/499. < Cytoplasmic >

Purification: affinity purified by Protein A

Concentration: 1mg/1ml

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 cytokine receptor. This receptor specifically binds to IL17B and IL17E, but does not bind to IL17 and IL17C. This receptor has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. The expression of the rat counterpart of this gene was found to be significantly up-regulated during intestinal inflammation, which suggested the immunoregulatory activity of this receptor. [provided by RefSeq].

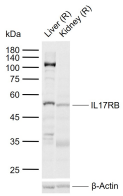
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Mouse, Rat

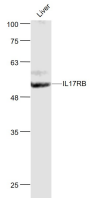
Predicted MW.: 54 kDa

Subcellular Location: Secreted ,Cell membrane

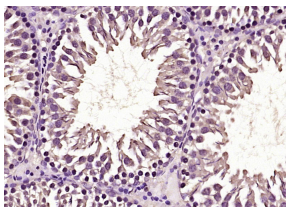
VALIDATION IMAGES



Sample: Lane 1: Rat Liver tissue lysates Lane 2: Rat Kidney tissue lysates Primary: Anti-IL17RB (bs-23929R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kDa Observed band size: 56 kDa



Sample: Liver (Mouse) Lysate at 40 ug Primary: Anti- IL17RB (bs-23929R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54 kD Observed band size: 54 kD



Paraformaldehyde-fixed, paraffin embedded (rat testis 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 (IL17RB) Polyclonal Antibody, Unconjugated (bs-23929R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

SELECTED CITATIONS

- **[IF=4.4]** Min Jiang. et al. Dietary Fiber-Derived Microbial Butyrate Suppresses ILC2-Dependent Airway Inflammation in COPD. MEDIAT INFLAMM. 2024 Jul;2024(1):6263447 WB ;Mouse. 39015676