

bs-23732R**[Primary Antibody]****IFNB1 Rabbit pAb****BioSS**
ANTIBODIES

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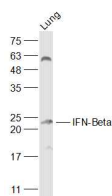
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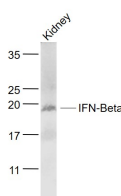
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal Target: IFNB1 Immunogen: KLH conjugated synthetic peptide derived from mouse IFNB1: 51-130/184. 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: This gene encodes a cytokine that belongs to the interferon family of signaling proteins, which are released as part of the innate immune response to pathogens. The protein encoded by this gene belongs to the type I class of interferons, which are important for defense against viral infections. In addition, type I interferons are involved in cell differentiation and anti-tumor defenses. Following secretion in response to a pathogen, type I interferons bind a homologous receptor complex and induce transcription of genes such as those encoding inflammatory cytokines and chemokines. Overactivation of type I interferon secretion is linked to autoimmune diseases. Mice deficient for this gene display several phenotypes including defects in B cell maturation and increased susceptibility to viral infection. [provided by RefSeq, Sep 2015]	Isotype: IgG Applications: WB (1:500-2000) Reactivity: Mouse (predicted: Rat) Predicted MW.: 20 kDa Subcellular Location: Secreted
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— VALIDATION IMAGES —

Sample: Lung (Mouse) Lysate at 40 ug Primary:
 Anti-IFN-Beta (bs-23732R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at
 1/20000 dilution Predicted band size: 20 kD
 Observed band size: 22 kD



Sample: Kidney (Mouse) Lysate at 40 ug Primary:
 Anti-IFN-Beta (bs-23732R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at
 1/20000 dilution Predicted band size: 20 kD
 Observed band size: 19 kD

— SELECTED CITATIONS —

- **[IF=4]** Junfeng Zhao. et al. Administration of a glypican-3 peptide increases the infiltration and cytotoxicity of CD8+ T cells against testicular yolk sac tumor, associated with enhancing the intratumoral cGAS/STING signaling. CANCER MED-US. 2023 Nov.; IHC ;Mouse. 37986544