

bs-0529R**[Primary Antibody]****Bioss**
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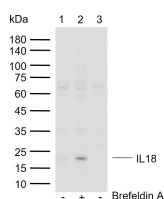
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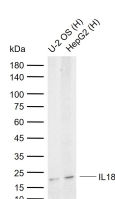
400-901-9800

IL18 | IGIF Rabbit pAb**DATASHEET**

Host: Rabbit Clonality: Polyclonal GeneID: 3606 Target: IL18 IGIF Immunogen: Recombinant human IL-18 protein: 37-193/193. 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: IL18 (IFN-gamma-inducing factor, IGIF) is a novel pro-inflammatory cytokine that augments natural killer (NK) activity in spleen cells. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity.	Isotype: IgG SWISS: Q14116	Applications: WB (1:500-2000) Reactivity: Human Predicted MW.: 22 kDa Observed MW.: 22 kDa Subcellular Location: Secreted
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VALIDATION IMAGES

Sample: Lane 1: Human HeLa cell lysates Lane 2: HeLa treated with Brefeldin A (5 µg/ml, 15 min) Lane 3: Human Jurkat cell lysates (Negative control) Primary: Anti-IL18 (bs-0529R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kDa Observed band size: 22 kDa



Sample: Lane 1: Human U-2 OS cell lysates Lane 2: Human HepG2 cell lysates Primary: Anti-IL18 (bs-0529R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kDa Observed band size: 23 kDa

SELECTED CITATIONS

- **[IF=16.907]** Yunxiang Sun. et al. Spontaneous formation of β -sheet nano-barrels during the early aggregation of Alzheimer's amyloid beta. NANO TODAY. 2021 Jun;38:101125 WB ;Mouse. 10.1016/j.nantod.2021.101125
- **[IF=12.2]** Xiao-Wei Li. et al. The FAK/occludin/ZO-1 complex is critical for cadmium-induced testicular damage by disruption of the integrity of the blood-testis barrier in chickens. J HAZARD MATER. 2024 May;470:134126 WB ;Chick. 38554509
- **[IF=9.811]** Nicholas Andrikopoulos. et al. Inhibition of Amyloid Aggregation and Toxicity with Janus Iron Oxide Nanoparticles. CHEM MATER. 2021;33(16):6484–6500 WB ;Mouse. 10.1021/acs.chemmater.1c01947
- **[IF=9.043]** Jiayu Yu. et al. Disruption of the Intestinal Mucosal Barrier Induced by High Fructose and Restraint Stress Is Regulated by the Intestinal Microbiota and Microbiota Metabolites. MICROBIOL SPECTR. 2023 Jan 31 WB ;Mouse. 36719201
- **[IF=8.025]** Lihui Ni. et al. The combination of insulin and linezolid ameliorates Staphylococcus aureus pneumonia in

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individuals with diabetes via the TLR2/MAPKs/NLRP3 pathway. INT J BIOL MACROMOL. 2023 Jul;242:124750 WB ;Mouse.
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