

bs-10274R**[Primary Antibody]****IL-2 Rabbit pAb****Bioss**
ANTIBODIES

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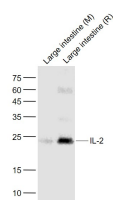
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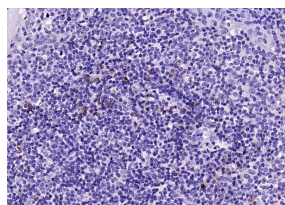
400-901-9800

— DATASHEET —

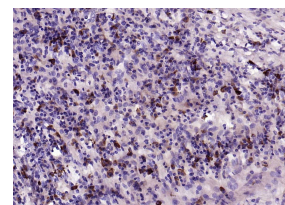
Host: Rabbit Clonality: Polyclonal GeneID: 3558 Target: IL-2 Immunogen: KLH conjugated synthetic peptide derived from human IL-2: 31-130/153. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: The protein encoded by this gene is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli. [provided by RefSeq, Jul 2008]	Isotype: IgG SWISS: P60568	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat Predicted MW.: 17 kDa Subcellular Location: Secreted
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— VALIDATION IMAGES —

Sample: Lane 1: Large intestine (Mouse) Lysate at 40 ug
Lane 2: Large intestine (Rat) Lysate at 40 ug
Primary: Anti-IL-2 (bs-10274R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 17 kD
Observed band size: 23 kD



Paraformaldehyde-fixed, paraffin embedded (human tonsil); 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 (IL-2) Polyclonal Antibody, Unconjugated (bs-10274R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); 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 (IL-2) Polyclonal Antibody, Unconjugated (bs-10274R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=8.2]** Lin Peng. et al. Bisphenol A exposure exacerbates tracheal inflammatory injury in selenium-deficient chickens by regulating the miR-155/traf3/ROS pathway. INT J BIOL MACROMOL. 2023 Dec;253:127501 WB ;Chicken. 37866585
- **[IF=5.075]** Qian Chen. et al. Study on the Mechanism of Mescalitine-Induced Hepatotoxicity in Rats Based on Metabonomics and Toxicology Network. TOXINS. 2022 Jul;14(7):486 WB ;Rat. 35878224
- **[IF=5.4]** Jialing Sun. et al. Investigating the molecular mechanism of Qizhu anticancer prescription in inhibiting

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hepatocellular carcinoma based on high-resolution mass spectrometry and network pharmacology. J ETHNOPHARMACOL. 2024 Feb;;117985 WB ;Mouse. 38417600

- **[IF=3.033]** Fang Wan. et al. Curcumin activates the Nrf2 Pathway to alleviate AFB1-induced immunosuppression in the spleen of ducklings. Toxicon. 2022 Apr;209:18 WB ;Duck. 35122786
- **[IF=2.97]** Tiancong Liu. et al. Knockdown of Cadherin 26 Prevents the Inflammatory Responses of Allergic Rhinitis. LARYNGOSCOPE. 2022 Sep;; IF ;Mouse. 36069256