
IL-2 Rabbit pAb

Catalog Number: bs-10274R

Target Protein: IL-2

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)

Reactivity: Human, Mouse, Rat

Predicted MW: 17 kDa

Entrez Gene: 3558

Swiss Prot: P60568

Source: KLH conjugated synthetic peptide derived from human IL-2: 31-130/153.

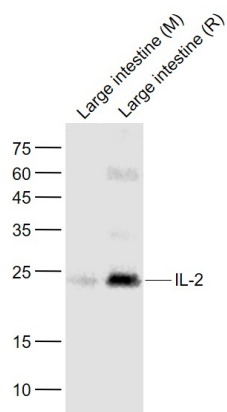
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

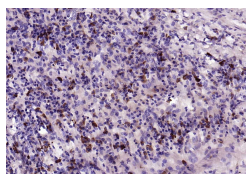
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a 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]

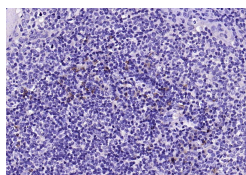
VALIDATION IMAGES



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 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.



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.

PRODUCT SPECIFIC PUBLICATIONS

[IF=8.2] Lin Peng. et al. Bisphenol A exposure exacerbates tracheal inflammatory injury in selenium-deficient chickens by regulating the miR-155/TRAFF3/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 Meseconitine-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 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