

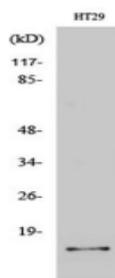
IL-2 Rabbit Polyclonal Antibody

OPR2611

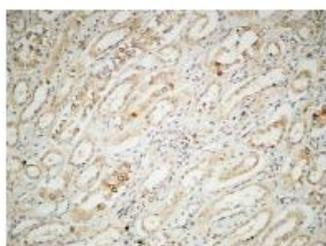
Reactivity	H,M,R	Storage	-20°C, Avoid freeze / thaw cycles
Host	Rabbit	Applications	WB;ELISA,IHC,IF
Isotype	IgG	Concentration	1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of various cells using IL-2 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH 8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30 min)

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human IL-2. AA range:16-65
Swissprot	P60568
Synonyms	IL2; Interleukin-2; IL-2; T-cell growth factor; TCGF; Aldesleukin

Product Information

Observed MW	15 kDa
Buffer	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Dilution	WB: 1/500 - 1/2000, IHC-p: 1:100-300 , ELISA: 1/20000, IF 1:100-300

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user

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 interleukin7(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.

Research Use

For research use only, not for use in diagnostic procedure.

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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