

IL-2 Polyclonal Antibody

Description

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|--------------------------------|--|
| Product type | Primary Antibody |
| Code | BT-AP04471 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human IL-2. AA range:16-65 |
| Mol wt | 17628 |
| Species reactivity | Human, Rat |
| Clonality | Polyclonal |
| Recommended application | WB, IHC-p, ELISA |
| Concentration | 1 mg/ml |
| Full name | IL-2 Antibody |
| Synonyms | IL2; IL 2; Interleukin-2; IL-2; T-cell growth factor; TCGF; Aldesleukin |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Interleukin-2 encoded by IL2 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000

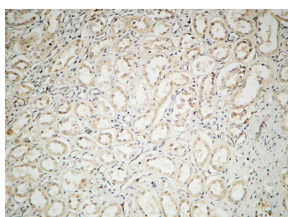
IHC-p: 100 - 300

Not yet tested in other applications.

Images



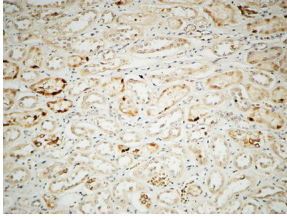
Western Blot analysis of various cells using IL-2 Polyclonal Antibody



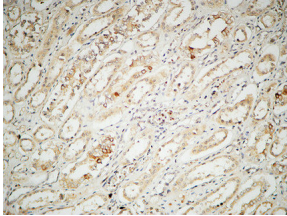
Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

-117
-85
-49
-34
IL-2 -25

Western blot analysis of lysate from HT-29 cells, using IL-2 antibody.



Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

Storage

-20°C for one year

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