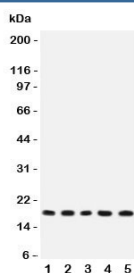


## IL-2 Antibody (R31446)

Catalog No.	Formulation	Size
R31446	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>Gene ID</b>	116562
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This IL-2 antibody is available for research use only.



Western blot testing of IL-2 antibody and rat samples 1: thymus; 2: liver; 3: NRK; 4: PC12; 5: RH35 lysate. Predicted molecular weight: 14-18kDa.

## Description

Interleukin-2, formerly referred to as T-cell growth factor, is a powerfully immunoregulatory lymphokine that is produced by lectin- or antigen-activated T cells. It is produced not only by mature T lymphocytes on stimulation but also constitutively by certain T-cell lymphoma cell lines. The lymphokine interleukin-2 is responsible for autocrine cell cycle progression and regulation of immune responses. Expression in mature thymocytes and T cells has been found to be tightly controlled by monoallelic expression. IL-2 can act as a growth hormone for both B and T lymphocytes. IL-2 is a 17KDa glycoprotein, consisting of 153 amino acids in precursor form and 133 amino acids in mature form.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IL-2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Rat partial recombinant protein (AA 21-155) was used as the immunogen for this IL-2 antibody.

## Storage

After reconstitution, the IL-2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.