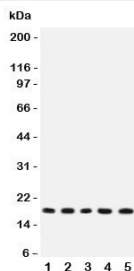


IL-2 Antibody (R31446)

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

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	116562
Applications	Western Blot : 0.5-1ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.