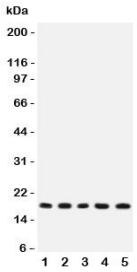
IL-2 Antibody (R31446)

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.

For a monoclonal clone with IHC and protein microarray specificity validation, see our Interleukin-2 Antibody IL2/4983 / IL-2 Antibody page.

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.

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