

## Basic Information

<b>Product Name</b>	Anti-IL2 Antibody
<b>Gene Name</b>	IL2
<b>Source</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Species Reactivity</b>	mouse
<b>Tested Application</b>	WB, ELISA
<b>Contents</b>	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
<b>Immunogen</b>	Polypeptide
<b>Concentration</b>	500 ug/ml
<b>Purification</b>	Immunogen affinity purified.
<b>Observed MW</b>	18 kDa
<b>Dilution Ratios</b>	Western blot (WB): 1:100-400 Immunohistochemistry in paraffin section IHC-(P):1:50-200

## Storage

12 months from date of receipt, -20°C as supplied.

## Background Information

IL-2, 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. In situ hybridization, the IL-2 gene is assigned to 4q26-q28. IL2 can act as a growth hormone for both B and T lymphocytes. It is useful in the study of the molecular nature of T-cell differentiation and, like interferons, augments natural killer cell activity.

## Selected Validation Data



Western blot analysis of IL2 using anti-IL2 antibody (BA3709). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: mouse spleen tissue lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-IL2 antigen affinity purified polyclonal antibody (BA3709) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for IL2 at approximately 18 kDa. The expected band size for IL2 is at 19 kDa.