

Product Data Sheet

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**Cat #** AB-10510

**Rat Anti-Mouse Interleukin-2 IgG**

**Size:** 100ug

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**Synonyms:**

T-cell growth factor (TCGF), Aldesleukin, Lymphokine, IL-2.

**Type:**

Rat Anti Mouse Monoclonal

**Introduction:**

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.

**Immunogen:**

Recombinant .Murine IL-2

**Ig Subclass:**

Rat IgG2a; purification by ion exchange column; 1mg/mL in PBS after reconstitution; Reconstitute with sterile H<sub>2</sub>O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

**Storage Procedures:**

In lyophilized form, for long periods, store at 4oC in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20oC. Two years lyophilized, one month in solution at 4oC. Antibody is shipped lyophilized at ambient temperature.

**Titer:**

Not tested by ELISA. 1:1,000 dilution will block T cell proliferation induced by specific Ag or concanavaline A.

**Usage:**

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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**India Contact:**

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