

## IL2

**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**18kDa

**Observed MW:**Refer to figures

**Immunogen:**

A synthetic peptide of human IL2

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

b

**Synonym:**

IL-2; TCGF; lymphokine;

**Catalog #:**A8029

**Antibody Type:**

Monoclonal Antibody

**Species:**Mouse

**Gene ID:**3558

**Isotype:**IgG

**Swiss Prot:**P60568

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene 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.

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