

## Datasheet

### IL2 monoclonal antibody, clone 5A8

**Catalog Number:** MAB8096

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against recombinant IL2.

**Clone Name:** 5A8

**Immunogen:** Recombinant protein corresponding to human IL2.

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Isotype:** IgG2b

**Recommend Usage:** The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from 10 mM PBS

**Storage Instruction:** Store at -20°C.

Aliquot after reconstitution to avoid repeated freezing and thawing.

**Entrez GeneID:** 3558

**Gene Symbol:** IL2

**Gene Alias:** IL-2, TCGF, lymphokine

**Gene Summary:** 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. [provided by RefSeq]