

IL2 Antibody (Center) (Ascites) Mouse Monoclonal Antibody (Mab) Catalog # AM2117a

Specification

IL2 Antibody (Center) (Ascites) - Product Information

Application	WB,E
Primary Accession	P60568
Other Accession	NP_000577.2
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	17628
Antigen Region	50-77

IL2 Antibody (Center) (Ascites) - Additional Information

Gene ID 3558

Other Names

Interleukin-2, IL-2, T-cell growth factor, TCGF, Aldesleukin, IL2

Target/Specificity

This IL2 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 50-77 amino acids from the Central region of human IL2.

Dilution

WB~~1:100~1600

Format

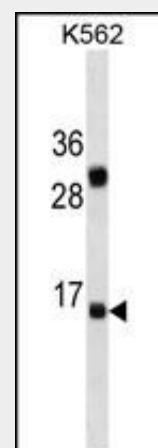
Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL2 Antibody (Center) (Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.



IL2 Antibody (Center)(Ascites)(Cat. #AM2117a) western blot analysis in K562 cell line lysates (35µg/lane). This demonstrates the IL2 antibody detected the IL2 protein (arrow).

IL2 Antibody (Center) (Ascites) - 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.

IL2 Antibody (Center) (Ascites) - References

IL2 Antibody (Center) (Ascites) - Protein Information**Name** IL2**Function**

Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.

Cellular Location

Secreted.

Zhu, P., et al. J. Immunol.
185(9):5140-5149(2010)
Muller, T., et al. Scand. J. Immunol.
72(4):365-371(2010)
Romero, R., et al. Am. J. Obstet. Gynecol. 203
(4), 361 (2010) :
Horowitz, A., et al. J. Immunol.
185(5):2808-2818(2010)
Wu, Z., et al. J Mol Cell Biol 2(4):217-222(2010)

IL2 Antibody (Center) (Ascites) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)