



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to IL-2

Catalog Number: MAB-606020316

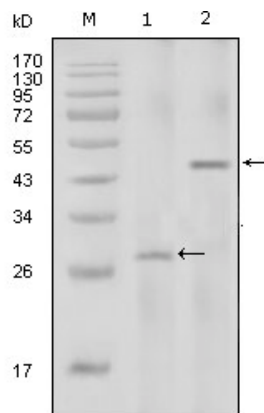


Figure 1: Western blot analysis using IL2 mouse mAb against full-length IL2 recombinant protein with Trx tag (1) and full-length IL2-hIgGfC transfected HEK293 cell lysate(2).

Lot#:
Clone#: 8D5
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 17.6kDa
Aliases: Aldesleukin; TCGF; interleukin-2
Entrez Gene: 3558
Species reactivity: Human

Description IL-2: interleukin-2. Entrez Protein NP_000577. It is a 17.6kDa 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 P

Purified recombinant fragment of IL2 expressed in E. Coli.

Application Western Blotting: 1/500 - 1/2000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product 1. #20010, Mouse Monoclonal Antibody to IL-1a;

2. #20021, Mouse Monoclonal Antibody to IL-6;

3. #20013, Mouse Monoclonal Antibody to IL-8.

References 1. Leukemia. 2008 Dec;22(12):2201-7.

2. J Immunol. 2008 Feb 1;180(3):1490-8.

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