

IL-2 monoclonal antibody

Catalog: MB21200

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

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.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

17.6kDa

Swiss-Prot:

P60568

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500-1/1000 IF:1/200 - 1/1000

Storage&Stability:

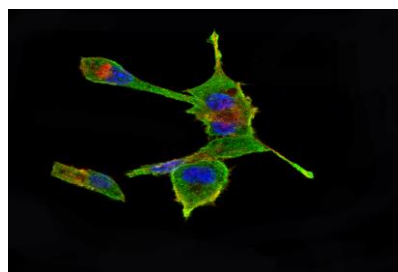
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:

Western blot analysis using IL-2 mouse mAb against C2C12(1),Hela(2),Jurkat(3) cell lysate.



Immunofluorescence analysis of RSC-96 cells using IL-2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

Note:

For research use only, not for use in diagnostic procedure.

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