

Interleukin-2. Rat Monoclonal Antibody JES6-1A12 Mouse

BACKGROUND

Interleukin-2 (IL-2) is 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. IL-2 can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.

ORDERING INFORMATION

CATALOG NUMBER
X1926M

SIZE
0.5 mg

FORM
Unconjugated

HOST/CLONE
Rat Clone JES6-1A12

FORMULATION
Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION
1 mg/ml

ISOTYPE
IgG2a

APPLICATIONS
ELISA, Immunoprecipitation

IMMUNOGEN

Hybridoma produced by the fusion of splenocytes from rat immunized with mouse recombinant IL-2 protein and P3X63-AG8.653 myeloma cells.

SPECIES REACTIVITY

Mouse

COMMENTS

Antibody can be used for ELISA as a coating antibody (1–5µg/ml, 100 µl/well). and immunoprecipitation. Optimal concentration should be evaluated by serial dilutions.

STORAGE

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

For research use only. Not for use in human diagnostics or therapeutics.

POSITIVE CONTROL/TISSUE EXPRESSION

Recognizes natural and recombinant mouse IL-2

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

REFERENCES

Abrams, J.S., M.G. Roncarolo, H. Yssel, U. Andersson, G.J. Gleich, and J.E. Silver (1992) Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. Immunological Review 127:5–24.

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