



Interleukin-2. Rabbit Polyclonal Antibody , Rat

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
X1927P

SIZE
0.5 mg

FORM
Unconjugated

HOST/CLONE
Rabbit

FORMULATION
Purified IgG in phosphate buffered saline, pH 7.4

CONCENTRATION
1 mg/ml

ISOTYPE
IgG

APPLICATIONS
Western Blot, ELISA, Dot Blot

IMMUNOGEN

Recombinant rat interleukin-2.

SPECIES REACTIVITY

Rat

COMMENTS

Antibody can be used for ELISA, Western blot and Dot blot. For dot blot, a 1:10,000 dilution of the antibody will detect 5 ng of protein. Antibody is also suitable for neutralization studies. 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

Detects natural and recombinant rat interleukin-2

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

REFERENCES

Tzianabos, A.O., P.R. Russell, A.B. Onderdonk, F. Gibson, C. Cywes, M. Chan, R.W. Finberg, and D.L. Kasper (1999) IL-2 mediates protection against abscess formation in an experimental model of sepsis. *J. Immunol.* 163:893–897.

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Page 2 of 2
Cat. No. X1927P