

## Interleukin-2. Mouse Monoclonal Antibody 419A-7A3 Human

### 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**  
X1921M

**SIZE**  
0.5 mg

**FORM**  
Unconjugated

**HOST/CLONE**  
Mouse Clone 419A-7A3

**FORMULATION**  
Provided as solution in borate buffered saline with 0.05% sodium azide

**CONCENTRATION**  
1 mg/ml

**ISOTYPE**  
IgG1

**APPLICATIONS**  
ELISA, Western Blot,  
Immunohistochemistry,  
Flow Cytometry

### IMMUNOGEN

Hybridoma produced by the fusion of splenocytes from BALB/c mice immunized with human recombinant IL-2 protein and NSO mouse myeloma cells.

### SPECIES REACTIVITY

Human

### COMMENTS

Antibody can be used for Western blotting, ELISA, flow cytometry and immunohistochemistry. 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**

### **SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

### **REFERENCES**

1. Denny, M.F., et al., "Differential T-cell antigen receptor signaling mediated by the Src family kinases Lck and Fyn." (2000) Mol. Cell. Biol. 20(4):1426–1435.

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