

## **Product datasheet for TA352776**

## OriGene Technologies, Inc.

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## Il2 Rat Monoclonal Antibody [Clone ID: S4B6-1]

## **Product data:**

**Product Type:** Primary Antibodies

Clone Name: S4B6-1

**Recommended Dilution:** Intracellular staining, Immunohistochemstry, Immunoprecipitation, Flow cytometry,

Neutralization assay, Western Blot

Reactivity: Mouse Host: Rat

**Isotype:** IgG2a

Clonality: Monoclonal

Immunogen: IL-2

**Formulation:** Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.

**Concentration:** lot specific

**Purification:** Protein G chromatography.

**Conjugation:** Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 19.9 kDa

Gene Name: interleukin 2

Database Link: NP 032392

Entrez Gene 16183 Mouse

P04351

Background: The rat anti-mouse IL-2 monoclonal antibody (clone S4B6-1) is of the IgG2a subtype and

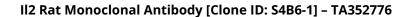
neutralizes both natural and recombinant mouse IL-2 in vivo (Chaudhri G. et al. 2004). Zurawski S. et al. 1986 used the S4B6-1 antibody in Western blot analysis. Their analysis showed that the determinant recognized by S4B6-1 requires the N-terminal region of mouse IL 2 and there was no cross reaction with human IL-2. The S4B6-1 antibody is also applicable

in immunohistochemistry on frozen tissues, intracellular staining, FACS analysis and

immunoprecipitation (Chaudhri G. et al. 2004, Assenmacher M. et al. 1998 and Mosmann T. et

al. 1990).







Synonyms:

aldesleukin; IL-2; interleukin-2; lymphokine; TCGF