

Product datasheet for **TA352776**

IL2 Rat Monoclonal Antibody [Clone ID: S4B6-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S4B6-1
Recommended Dilution:	Intracellular staining, Immunohistochemistry, 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).



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