

## Product datasheet for **TA388900**

### IL2 Mouse Monoclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Sandwich ELISA: In a sandwich ELISA (assuming 100ul/well), a concentration of 4.0-8.0 µg/ml of this antibody will detect at least 1000pg/ml of Recombinant Human IL-2 when used with ProSci's Biotinylated Antigen Affinity Purified Anti-Human IL-2 as the detection antibody at a concentration of approximately 1.0- 2.0 µg/ml. Western Blot To detect Human IL-2 by Western Blot analysis this antibody can be used at a concentration of 1.0-2.0 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for Recombinant Human IL-2 is 2.0-4.0 ng/lane, under reducing or non-reducing conditions.
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Immunogen:	Produced in mice immunized with highly pure Recombinant Human IL-2. Anti-Human IL-2-specific antibody was purified from cell culture by Protein A affinity chromatography.
Concentration:	lot specific
Purification:	IL-2-specific antibody was purified from cell culture by Protein A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Database Link:	<a href="#">P60568</a>
Background:	IL-2 is a powerful immunoregulatory lymphokine produced by T cells in response to antigenic or mitogenic stimulation. IL-2/IL-2R signaling is required for T cell proliferation and other fundamental functions that are essential for the immune response. IL-2 stimulates growth and differentiation of B cells, NK cells, lymphokine-activated killer cells, monocytes, macrophages and oligodendrocytes. Recombinant Human IL-2 is a 15.5 kDa protein, containing 134 amino acid residues including one intrachain disulfide bond.



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