

## Product datasheet for **TA319284**

### IL2 Rabbit Polyclonal Antibody

#### Product data:

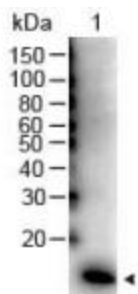
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:10,000-1:50,000, WB: 1:1,000-1:5,000, IHC: 1:500-1:2,500
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full length recombinant human IL-2 protein.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Conjugation:	Peroxidase
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interleukin 2
Database Link:	<a href="#">NP_000577</a> <a href="#">Entrez Gene 3558 Human P60568</a>
Synonyms:	IL-2; lymphokine; TCGF
Note:	IL-2 is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli.
Protein Families:	Druggable Genome, Secreted Protein



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**Protein Pathways:** Allograft rejection, Autoimmune thyroid disease, Cytokine-cytokine receptor interaction, Graft-versus-host disease, Jak-STAT signaling pathway, T cell receptor signaling pathway, Type I diabetes mellitus

### Product images:



Western Blot of Rabbit anti-IL-2 Antibody Peroxidase Conjugated Lane 1: Human IL-2 Recombinant Protein Load: 50 ng per lane Secondary antibody: Peroxidase Conjugated IL-2 Antibody at 1:1000 for 60 min at RT Block: MB-070 for 30 min at RT Predicted/Observed size: 16 kDa, 16 kDa