

IL2

Rabbit Anti-Rat IL-2 pAb

Catalog No.	CPI110	Quantity:	0.5 mg
Alternate Names:	Interleukin-2, T-cell growth factor, TCGF, lymphokine		
Description:	Interleukin 2 (IL-2) is an immuno-modulatory cytokine that is important for the proliferation of activated T cells, differentiation of B cells, natural killer cells, monocytes and macrophages. IL-2 signals through the IL-2 receptor (IL-2R), a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL-4) and interleukin 7 (IL-7). The expression of the IL-2 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 gene similar to IL-2 in mice leads to an ulcerative colitis-like disease that suggests an essential role of this gene in the immune response to antigenic stimuli.		
UniProt ID:	P17108		
Gene ID:	116562		
Purity:	>95%, SDS-PAGE analysis.		
Specificity:	Recognizes native and recombinant rat IL-2.		
Host:	Rabbit		
Immunogen:	Purified recombinant rat IL-2		
Concentration:	1.0 mg/ml		
Formulation:	The immunoglobulin is in phosphate buffered saline, pH 7.3 and is 0.22 micron sterile filtered. The endotoxin level is < 0.1 ng/µg of protein.		
Purification:	Purified from rabbit serum by protein A/G affinity chromatography.		
Applications:	ELISA, Western Blot, Dot Blot.		
Storage & Stability:	Store at -20°C. Avoid repeated freeze-thaw cycles. Handle product under aseptic conditions at all times. For long term storage, sodium azide should be added as a preservative. Note: sodium azide is a POISONOUS and HAZARDOUS substance which should be handled by trained staff only.		

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