

Mouse Anti-rat IL-2 Clone 7H11 AB7 Affinity Purified mAb

Catalog No.	CMI163	Quantity:	500 µg
Description:	Mouse Anti-rat IL2, Clone 7H11 AB7 Affinity Purified monoclonal antibody. The protein encoded by this gene 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.		
Concentration:	1.0 mg/mL		
Specificity:	Recognizes rat IL-2		
Host:	Mouse		
Immunogen:	Full length recombinant rat IL-2 expressed in <i>E. coli</i>		
Isotype:	IgG1		
Clone:	7H11 AB7		
Formulation:	Purified immunoglobulin liquid in phosphate buffered saline, pH 7.2 with 0.1% sodium azide.		
Applications:	Flow cytometry, Immunoprecipitation, Western blot		
Application Notes:	The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Recommended storage in working aliquots at -20°C. Avoid repeated freeze/thaw cycles.		

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