

## II2

### Mouse Anti-Rat IL-2 (Clone 12B11AE7) Biotin mAb

<b>Catalog No.</b>	CMI164	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	Interleukin-2, T-cell growth factor, TCGF		
<b>Description:</b>	The monoclonal antibody recognizes rat IL-2, 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).		
<b>UniProt ID:</b>	P17108		
<b>Concentration:</b>	0.5 mg/ml		
<b>Conjugate:</b>	Biotin		
<b>Specificity:</b>	Recognizes native and recombinant rat interleukin-2.		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant Rat IL-2		
<b>Clone:</b>	12B11AE7		
<b>Formulation:</b>	PBS, pH 7.2, 0.1% sodium azide		
<b>Purification:</b>	Protein A/G affinity chromatography.		
<b>Applications:</b>	<b>ELISA detection antibody:</b> recommended dilution of 0.25 µg/ml. Dilutions should be made in a buffer appropriate for use in ELISA, such as PBS, 0.5% BSA, 0.1% Tween 20. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	For long term storage, store as aliquots at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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