

## IL7

### Mouse Anti-Human IL-7 Clone B-S16 Azide Free mAb

<b>Catalog No.</b>	CDM108	<b>Quantity:</b>	500 µg
<b>Alternate Names:</b>	Interleukin-7		
<b>Description:</b>	Mouse Monoclonal Antibody against Human IL-7 Clone B-S16. IL-7 is a cytokine important for B and T cell development. This cytokine and the hepatocyte growth factor form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. IL-7 is a cofactor for V(D)J rearrangement of the T cell receptor beta during early T cell development. It can be produced locally by intestinal epithelial and epithelial goblet cells, and may serve as a regulatory factor for intestinal mucosal lymphocytes. Knockout studies in mice suggested that IL-7 plays an essential role in lymphoid cell survival.		
<b>Concentration:</b>	500 µg / 500 µl		
<b>Gene ID:</b>	3574		
<b>Specificity:</b>	Recognizes both natural and recombinant human IL-7		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant human IL-7		
<b>Isotype:</b>	IgG1k		
<b>Clone:</b>	B-S16		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x BALB/c spleen cells		
<b>Formulation:</b>	Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and preservative free.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Applications:</b>	Suitable for ELISA		
<b>Storage &amp; Stability:</b>	Stable at 2-4°C for 12 months. For longer storage, freeze aliquots. <b>Avoid repeated freeze-thaw cycles.</b>		

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