

IL7

Mouse Anti-Human IL-7 (Clone B-N18) mAb, Azide Free

Catalog No.	CDM097A CDM097B CDM097C	Quantity:	200 µg 500 µg 1.0 mg
Alternate Names:	Interleukin-7		
Description:	<p>Interleukin 7 is a cytokine important for B and T cell development. This cytokine and the hepatocyte growth factor (HGF) form a heterodimer that functions as a pre-pro-B cell growth-stimulating factor. This cytokine is found to be a cofactor for V(D)J rearrangement of the T cell receptor beta (TCRB) during early T cell development. This cytokine 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 this cytokine plays an essential role in lymphoid cell survival. Alternative splicing results in multiple transcript variants encoding distinct isoforms.</p>		
UniProt ID:	P13232		
Gene ID:	3547		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes both native and recombinant human IL-7		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Immunogen:	Recombinant human IL-7		
Isotype:	Mouse IgG ₁ κ		
Clone:	B-N18		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	<p>ELISA: Use as a Capture Antibody at a coating concentration range of 0.5-2.5 µg/ml in a human IL-7 sandwich ELISA in combination with biotinylated human IL-7 Detection Antibody (cat. no. CDM427).</p> <p>The suggested coating concentration should be optimized by each laboratory for each application.</p>		
Storage & Stability:	<p>Store at 2-8°C for up to 1 year. For longer storage, freeze aliquots at -20°C to -80°C.</p> <p>Avoid repeated freeze-thaw cycles.</p>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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