

IL15

Mouse Anti-Human IL-15 (Clone B-E29) mAb, Azide Free

Catalog No.	CDM282A CDM282B	Quantity:	200 µg 500 µg
Alternate Names:	Interleukin-15		
Description:	The monoclonal antibody recognizes human Interleukin-15 (IL-15), a cytokine that regulates T and natural killer cell activation and proliferation. IL-15 and IL-2 share many biological activities; both bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between IL-15 and IL-2. Studies of the mouse counterpart suggested that IL-15 may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis.		
UniProt ID:	P40933		
Source:	Purified from serum free cell culture supernatant.		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes both native and recombinant Human IL-15		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Isotype:	Mouse IgG1 Kappa light chain		
Immunogen:	Recombinant Human IL-15		
Clone:	B-E29		
Formulation:	Sterile filtered PBS. Carrier and preservative free.		
Biological Activity:	Inhibits IL-15 induced proliferation on Kit 225 cell line.		
Applications:	Functional Studies, Flow cytometry, ELISA		
Storage & Stability:	Store at 2-8°C for up to one year. For longer term, store in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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