

IL15

Mouse Anti-Human IL-15 mAb, Biotinylated

Catalog No.	CMH200	Quantity:	50 µg
Alternate Names:	Interleukin-15		
Description:	IL-15 is produced largely by dendritic cells, monocytes, and stromal cells. The IL-15R complex consists of three chains, IL-15R , IL-2/15R beta, and C chains. IL-15 binds the endogenous IL-15R chain expressed by IL-15-producing cells and is trans-presented to the complex of IL-2/15R beta and C chains with the signaling capacity expressed on T cells. The recognition of IL-15 by the latter receptor chains leads to the activation of various signaling pathways including JAK1 and 3/STAT5 as well as PI3K/AKT. IL-15 has diverse functions that include promoting cytotoxicity and maintenance of memory CD8+ T cells as well as proliferation and differentiation of NK and NK T cells.		
UniProt ID (target):	P40933		
Purity:	≥95% by SDS-PAGE		
Specificity:	Human IL-15 No reactivity with mouse, rat IL-15 and other unrelated proteins.		
Host:	Mouse		
Isotype:	IgG1		
Formulation:	PBS		
Purification:	Protein G affinity purified.		
Applications:	ELISA: suggested dilution 1: 1,000-4,000 Western Blot: suggest working concentration 1-2 µg/ml		
Storage & Stability:	Store at 2-8°C for immediate use (1 week). After opening, divide into aliquots and store at -80°C. Stable for at least 1 year after receipt when stored at -80°C. Avoid repeated freeze-thaw cycles.		

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