

IL12B

Mouse Anti-Human IL12p70 Clone B-P24 Biotin Detection mAb

Catalog No.	CDM429	Quantity:	100 µg
Description:	Mouse Anti-Human IL12p70 Clone B-P24 Biotin Detection mAb Background: Interleukin 12 is a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. Interleukin 12 is a disulfide-linked heterodimer composed of the 40 kD cytokine receptor like subunit encoded by this gene, and a 35 kD subunit encoded by IL12A. This cytokine is expressed by activated macrophages that serve as an essential inducer of Th1 cells development. This cytokine has been found to be important for sustaining a sufficient number of memory/effector Th1 cells to mediate long-term protection to an intracellular pathogen.		
Concentration:	0.1 mg / 1.0 ml		
Gene ID:	3593		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Specificity:	Recognizes both natural and recombinant IL-12p40+p70		
Host:	Mouse		
Immunogen:	Recombinant human IL-12		
Isotype:	IgG1		
Clone:	B-P24		
Conjugate:	Biotin		
Formulation:	Liquid in PBS with 1% BSA and 0,09% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Detection Antibody. This antibody can be used as a Detection Antibody in a human IL-12 sandwich immunoassay to detect human IL-12 in combination with human IL-12 p70 Capture Antibody (Cat No CDM405). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA / ELISPOT: 0.05-0.5µg/ml		
Storage & Stability:	Store at 2-4°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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

