

IL12B

Mouse Anti-Human IL-12 p40/p70 (Clone B-P24) Biotin Detection mAb

Catalog No.	CDM429	Quantity:	100 µg
Alternate Names:	Interleukin-12 subunit beta, IL-23 p40		
Description:	IL-12p70 is the biologically active form and is composed of two subunits: IL-12p35 (also named IL-12A) and IL-12p40 (also named IL-12B). The p35 subunit has homology to IL-6, while p40 has homology with IL-23. The p40 subunit has been found to be expressed in a higher excess over p70. It is present in serum and plasma as a monomer, a heterodimer with IL-12p35 (biologically active IL-12p70) or heterodimer with IL-23p19 (IL-23). The subunits are genetically unrelated and are regulated independently: IL-12p40 is produced constitutively and in excess of IL-12p35 and IL-23p19.		
UniProt ID:	P29460		
Gene ID:	3593		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Specificity:	Recognizes both native and recombinant human IL-12p40+p70		
Immunogen:	Recombinant human IL-12		
Isotype:	Mouse IgG1 kappa		
Clone:	B-P24		
Conjugate:	Biotin		
Formulation:	PBS, 1% BSA, 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, ELISpot: 0.05 - 0.5 µg/ml		
Application Notes:	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 (CDM405).		
Storage & Stability:	Store at 2-8°C for up to 1 year. Recommended to store working aliquots at -20°C to 80°C. Avoid repeated freeze-thaw cycles.		

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

