

IL12B

Mouse Anti-Human IL12p40 + p70 (Clone B-P24) Biotin Detection mAb

Catalog No.	CDM430	Quantity:	100 µg
Alternate Names:	Interleukin-12 subunit beta, IL-12B, IL-12p40, IL-12p70, IL-23p40		
Description:	<p>Mouse Anti-Human IL12p40 + p70 (Clone B-P24) Biotin Detection mAb recognizes Interleukin 12 subunit beta.</p> <p>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 the IL12B 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.</p>		
UniProt ID:	P29460		
Gene ID:	3593		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Specificity:	Recognizes native and recombinant human IL-12, the p40 subunit and the p70 heterodimer.		
Concentration:	0.1 mg/ml		
Immunogen:	Recombinant human IL-12		
Isotype:	Mouse IgG1 kappa light chain		
Clone:	B-P24		
Conjugate:	Biotin		
Formulation:	PBS, with 1% BSA and 0.09% sodium azide		
Applications:	<p>ELISA Detection Antibody: use as a Detection Antibody in a human IL-12 sandwich ELISA to detect human IL-12 in combination with CDM406 or CDM281 as the Capture Antibody for human IL-12 p40 + p70.</p> <p>The suggested coating concentration range, 0.05 - 0.5 µg/ml, should be optimized by each laboratory for each application.</p>		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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