

IL12B

Mouse Anti-Human IL-12 p40 + p70 (Clone B-P40) mAb, Azide Free

Catalog No.	CDM281A CDM281B CDM281C	Quantity:	200 µg 500 µg 1.0 mg
Alternate Names:	Interleukin-12 subunit beta, IL-12B, IL-12 p40, Cytotoxic lymphocyte maturation factor 40 kDa subunit, CLMF p40, NK cell stimulatory factor chain 2, NKSF2		
Description:	This monoclonal antibody recognizes human Interleukin-12 subunit beta (p40/p70). IL-12p70 is a cytokine that acts on T and natural killer cells with a broad array of biological activities. It is composed of two subunits: IL-12p35 (IL-12A) and IL-12p40 (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 regulated independently: IL-12p40 is produced constitutively and in excess of IL-12p35 and IL-23p19.		
UniProt ID:	P29460		
Gene ID:	3593		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes native and recombinant human IL-12, the p40 subunit and the p70 heterodimer.		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c spleen cells		
Isotype:	Mouse IgG1 Kappa light chain		
Immunogen:	Recombinant human IL-12		
Clone:	B-P40		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Applications:	ELISA: Use as a Capture Antibody at 0.5 - 2.5 µg/ml in a human IL-12 sandwich immunoassay in combination with biotinylated human IL-12 p40 + p70 Detection Antibody (Cat No CDM430). The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable at 2-8°C for 1 year. For longer storage, freeze in 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.

