

## IL12B

### Mouse Anti-Human IL-12 p40 / p70 (Clone B-P24) mAb, Azide Free

<b>Catalog No.</b>	CDM273A CDM273B	<b>Quantity:</b>	200 µg 500 µg
<b>Alternate Names:</b>	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		
<b>Description:</b>	The monoclonal antibody recognizes human IL12 (p40/p70), a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. 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 regulated independently: IL-12p40 is produced constitutively and in excess of IL-12p35 and IL-23p19.		
<b>UniProt ID:</b>	P29460		
<b>Gene ID:</b>	3593		
<b>Concentration:</b>	1.0 mg/ml		
<b>Specificity:</b>	Recognizes both native and recombinant p40 subunit alone and in its IL-12 form (associated with p35) and in its IL-23 form (associated with p19)		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x BALB/c spleen cells		
<b>Isotype:</b>	Mouse IgG1 Kappa light chain		
<b>Immunogen:</b>	Recombinant human IL-12		
<b>Clone:</b>	B-P24		
<b>Formulation:</b>	Sterile filtered PBS, carrier and preservative free.		
<b>Applications:</b>	ELISA, ELISpot, Flow Cytometry		
<b>Storage &amp; Stability:</b>	Stable for up to one year at 2-8°C or in working aliquots at -20°C to -80°C for longer storage. <b>Avoid repeated freeze-thaw cycles.</b>		

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

