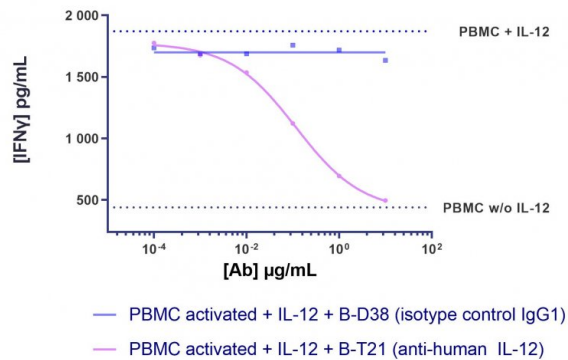


IL12A

Mouse Anti-Human IL-12 p35 / p70 (Clone B-T21) mAb, Azide Free

Catalog No.	CDM271A CDM271B CDM271C	Quantity:	200 µg 500 µg 1.0 mg
Alternate Names:	Interleukin-12 subunit alpha, IL-12A, IL-12 p35, Cytotoxic lymphocyte maturation factor 35 kDa subunit, CLMF p35, NK cell stimulatory factor chain 1, NKSF1		
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 regulated independently: IL-12p40 is produced constitutively and in excess of IL-12p35 and IL-23p19.		
UniProt ID:	P29459		
Gene ID:	3592		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes native and recombinant human IL-12, the p35 subunit and 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-T21		
Formulation:	Sterile filtered PBS, carrier and preservative free.		
Biological Activity:	Inhibits IL-12 induced IFN-gamma synthesis on PHA activated lymphocytes		
Applications:	Functional Studies, ELISA		
Application Notes:	ELISA: Use as a Capture Ab at 0.3-1 µg/ml in a human IL-12 sandwich Immunoassay to detect human IL-12 in combination with biotinylated human IL-12 p70 Detection Antibody (Cat No CDM429).		
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.		

ELISA quantification of IFN γ secretion by PBMC (PHA activated after 72 hours) with IL-12 (300 pg/ml) and different concentration of B-T21 or isotype control.



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



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com