

Product datasheet for **AM31263AF-N**

IL12A Mouse Monoclonal Antibody [Clone ID: B-T21]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B-T21
Applications:	FC, FN
Recommended Dilution:	Flow Cytometry (Intra-cytoplasmic).
	Functional Assay: Blocks IL-12 induced proliferation on PHA and IL-2 activated lymphocytes.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human IL-12.
Specificity:	This antibody recognizes both natural and recombinant Human IL-12 p35 + p70
Formulation:	Phosphate-buffered saline without Carrier and preservatives. This product is sterile-filtered through 0.22 µm and treated to remove Endotoxins. State: Azide Free State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 12A
Database Link:	Entrez Gene 3592 Human P29459
Background:	Interleukin 12 (IL12) is an important cytokine produced by a variety of immune effector cells that leads to a type 1 helper T cell (Th1) response. IL12 also directs T cells to the skin via induction of cutaneous lymphocyte antigen (CLA) expression. Interleukin 12 is a heterodimeric cytokine (p70), composed of two covalently linked subunits, p35 and p40 and is secreted primarily by activated B cells.



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Synonyms:	IL-12A, IL-12 subunit p35, NKSF1, CLMF p35
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Allograft rejection, Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway, Type I diabetes mellitus