



Anti-IL12B monoclonal antibody, clone 42063 (DCABY-3992)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View IL-12 IHC images.
Specificity	Detects human IL-12/IL-23 p40 in ELISAs. In ELISAs, this antibody shows less than 5% cross-reactivity with recombinant human (rh)IL-12 (p35/p40 heterodimer) and rhIL-23 (p19/p40 heterodimer). No significant cross-reactivity or interference was observed with rhIL-1 alpha, rmIL-1 alpha, rhIL-1 beta, rmIL-1 beta, rhIL-1ra, rhIL-1 RI, rhIL-1 RII, rhIL-2, rhIL-2 R alpha, rhIL-3, rmIL-3, rhIL-4, rmIL-4, rhIL-4 R, rhIL-5, rmIL-5, rhIL-5 R beta, rhIL-6, rhIL-6 R, rmIL-6, rhIL-7, rmIL-7, rhIL-8, rhIL-9, rmIL-9, rhIL-10, rmIL-10, rhIL-11, rmIL-12, rmIL-12 p40, rhIL-13, or rmIL-13.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant human IL-12/IL-23 p40 free monomer. Ile23-Ser328 Accession Number P29460
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	42063
Purification	Protein A or G purified from ascites
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	IL12B interleukin 12B [Homo sapiens (human)]
Official Symbol	IL12B
Synonyms	IL12B; interleukin 12B; CLMF; NKSF; CLMF2; NKSF2; IL-12B; interleukin-12 subunit beta; CLMF p40; IL-12 subunit p40; IL12, subunit p40; interleukin 12, p40; interleukin-12 beta chain; NK cell stimulatory factor chain 2; cytotoxic lymphocyte maturation fact
Entrez Gene ID	3593
Protein Refseq	NP_002178
UniProt ID	P29460
Chromosome Location	5q31.1-q33.1
Pathway	African trypanosomiasis; Allograft Rejection; Allograft rejection; Amoebiasis; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response; Herpes simplex infection;
Function	contributes_to cytokine activity; cytokine receptor activity; contributes_to growth factor activity; identical protein binding; interleukin-12 alpha subunit binding; interleukin-12 receptor binding; contributes_to interleukin-12 receptor binding; contribu