



Anti-IL12B polyclonal antibody (DPAB-DC703)

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

PRODUCT INFORMATION

Antigen Description	IL12B (interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40)) is a protein-coding gene. Diseases associated with IL12B include mendelian susceptibility to mycobacterial diseases due to complete il12b deficiency, and familial atypical mycobacteriosis, il12b-related, and among its related super-pathways are MIF Mediated Glucocorticoid Regulation and Type I diabetes mellitus. GO annotations related to this gene include protein homodimerization activity and identical protein binding.
Specificity	In ELISA, this antibody shows reactivity with IL-12 p40 and no cross-reactivity with murine IL-10 and other tested proteins.
Immunogen	Recombinant protein corresponding to mouse Il12b.
Source/Host	Rat
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	WB, ELISA,
Format	Lyophilized
Size	500 µg
Buffer	Lyophilized from PBS.
Preservative	None
Storage	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Il12b interleukin 12b [Mus musculus (house mouse)]
Official Symbol	IL12B
Synonyms	IL12B; interleukin 12b; p40; Il-12b; Il12p40; Il-12p40; interleukin-12 subunit beta; CLMF p40; IL-12 p40; IL-12 subunit p40; IL-23 subunit p40; cytotoxic lymphocyte maturation factor 40 kDa subunit;
Entrez Gene ID	16160
Protein Refseq	NP_032378
UniProt ID	P43432
Chromosome Location	11 A5-B2; 11 25.94 cM
Pathway	African trypanosomiasis; Allograft rejection; Amoebiasis; Chagas disease (American trypanosomiasis)
Function	contributes_to cytokine activity; cytokine receptor activity; contributes_to cytokine receptor binding; contributes_to growth factor activity