



# Anti-IL12B polyclonal antibody [Biotin] (DPABY-472)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	View IL-12 IHC images.
<b>Specificity</b>	Detects mouse IL-12p40 in ELISAs and Western blots. In sandwich immunoassays, approximately 30% cross-reactivity with recombinant mouse IL-12p70 is observed.
<b>Immunogen</b>	S. frugiperda insect ovarian cell line Sf 21-derived recombinant mouse IL-12 p40. Met23-Ser355 Accession Number P43432
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None
<b>Storage</b>	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, 2 to 8 °C under sterile conditions after reconstitution.  
6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

Gene Name	<a href="#">Il12b interleukin 12b [ Mus musculus (house mouse) ]</a>
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	<a href="#">16160</a>
Protein Refseq	<a href="#">NP_032378</a>
UniProt ID	<a href="#">P43432</a>
Chromosome Location	11 A5-B2; 11 25.94 cM
Pathway	African trypanosomiasis; Allograft rejection; Amoebiasis; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta); Herpes simplex infection; Inflammatory bowel disease (IBD);
Function	contributes_to cytokine activity; cytokine receptor activity; contributes_to cytokine receptor binding; contributes_to growth factor activity; identical protein binding; interleukin-12 alpha subunit binding; contributes_to interleukin-23 receptor binding;