



## Anti-IL12 monoclonal antibody, clone 2-2B5 (DCABH-448)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to IL12
<b>Antigen Description</b>	Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated Killer cells, and stimulate the production of IFN-gamma by resting PBMC.
<b>Specificity</b>	This antibody recognises the p40 subunit of human IL12, and binds to both the free subunit and the p35/p40 heterodimer. This antibody reacts with both stimulated and unstimulated monocytes in immunohistology.
<b>Immunogen</b>	Recombinant full length protein (Human).
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2-2B5
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr, ELISA
<b>Format</b>	Liquid
<b>Size</b>	250 µg
<b>Buffer</b>	Preservative: 0.09% Sodium Azide; Constituents: PBS, pH 7.4
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<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL12A interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35) [ Homo sapiens ]</a>
<b>Official Symbol</b>	IL12A
<b>Synonyms</b>	IL12A; interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35); NKSF1; interleukin-12 subunit alpha; CLMF; cytotoxic lymphocyte maturation factor 1; p35; IL 12; subunit p35; IL 12A; IL35 subunit; interleuk
<b>Entrez Gene ID</b>	<a href="#">3592</a>
<b>Protein Refseq</b>	<a href="#">NP_000873</a>
<b>UniProt ID</b>	<a href="#">Q60595</a>
<b>Chromosome Location</b>	3p12-q13.2
<b>Pathway</b>	African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem;
<b>Function</b>	contributes_to cytokine activity; contributes_to cytokine activity; contributes_to growth factor activity; contributes_to growth factor activity; interleukin-12 beta subunit binding; interleukin-12 receptor binding; interleukin-27 binding; protein binding

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