

Product Information

Recombinant Anti-Human IL12 Single Domain Antibody

Cat. No.: **MOM-18716**

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

Antigen Description

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.

Specific Activity

Tested positive against native human antigen.

Target

IL12

Immunogen

The details of the immunogen for this antibody are not available.

Source

llama

Species Reactivity

Human

Type

llama VHH

Expression Host

E.coli

Storage

At -20°C for one year.

ANTIGEN GENE INFORMATION

Gene Name

[IL12B interleukin 12B \(natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40\) \[Homo sapiens \]](#)

Official Symbol

IL12B

Synonyms

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 factor 40 kDa subunit; natural killer cell stimulatory factor, 40 kD subunit

Gene ID

[3593](#)

mRNA Refseq

[NM_002187.2](#)

Protein Refseq

[NP_002178.2](#)

MIM

[161561](#)

UniProt ID

P29460

Chromosome Location

5q31.1-q33.1

Pathway

African trypanosomiasis; Allograft rejection; Amoebiasis; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Herpes simplex infection; IL12-mediated signaling events.

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; Contributes to interleukin-23 receptor binding; Protein binding; Protein heterodimerization activity; Protein homodimerization activity