

# Product Information

## Recombinant Anti-Human il12b Antibody Fab Fragment

Cat. No.: **MOM-18573-F(E)**

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

### Product Overview

Recombinant Mouse Antibody Fab Fragment is directed against Human IL12B, expressed in Chinese Hamster Ovary cells(CHO)

### 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 antigen.

### Target

IL12B

### Immunogen

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

### Source

Mouse

### Species Reactivity

Human

### Type

Fab

### Expression Host

CHO

### Purity

>95.0% as determined by analysis by RP-HPLC.

### Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

### 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.1](#)

## Official Symbol

IL12B

## Synonyms

IL12B; interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40); NKSF2; interleukin-12 subunit beta; CLMF; CLMF2; cytotoxic lymphocyte maturation factor 2; p40; IL 12B; IL12; subunit p40; interleukin 12; interleukin 12 beta chain; natural killer cell stimulatory factor; 40 kD subunit; natural killer cell stimulatory factor 2; NKSF; 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; IL-12B;

## Gene ID

[3593](#)

## mRNA Refseq

[NM\\_002187](#)

## Protein Refseq

[NP\\_002178](#)

## MIM

[161561](#)

## UniProt ID

P29460

## Chromosome Location

5q31.1-q33.1

## Pathway

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;

## 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;