

Product Information

Recombinant Anti-Human IL13 Antibody Fab Fragment

Cat. No.: **MOM-18219-F(P)**

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

Product Overview

Recombinant Humanized Antibody Fab Fragment binds selectively to Human IL13, expressed in E. coli

Antigen Description

Cytokine. Inhibits inflammatory cytokine production. Synergizes with IL2 in regulating interferon-gamma synthesis. May be critical in regulating inflammatory and immune responses.

Specific Activity

Tested positive against native antigen.

Target

IL13

Immunogen

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

Source

Humanized

Species Reactivity

Human

Type

Fab Fragment based on Humanized IgG4 - kappa

Expression Host

E. coli

Predicted N terminal

H chain: QVTLRES; L Chain: DIVMTQS

Purity

>95.0% as determined by analysis by SDS-PAGE.

Applications

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

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[IL13 interleukin 13 \[Homo sapiens \]](#)

Official Symbol

IL13

Synonyms

IL13; interleukin 13; interleukin-13; allergic rhinitis; ALRH; BHR1; Bronchial hyperresponsiveness 1 (bronchial asthma); IL 13; MGC116786; MGC116788; MGC116789; P600; Bronchial hyperresponsiveness-1 (bronchial asthma); IL-13;

Gene ID

[3596](#)

mRNA Refseq

[NM_002188](#)

Protein Refseq

[NP_002179](#)

MIM

[147683](#)

UniProt ID

P35225

Chromosome Location

5q31

Pathway

Asthma, organism-specific biosystem; Asthma, conserved biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Cytokines and Inflammatory Response, organism-specific biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, conserved biosystem;

Function

cytokine activity; interleukin-13 receptor binding; protein binding;