

Product Information

Recombinant Anti-Human IL13 Antibody scFv Fragment

Cat. No.: **MOM-H05-S(P)**

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

Product Overview

Recombinant Humanized (from mouse) Antibody scFv Fragment is directed against Human IL13, expressed in E. coli

Antigen Description

Interleukin 13 (IL-13) is a protein that in humans is encoded by the IL13 gene. IL-13 was first cloned in 1993 and is located on chromosome 5q31 with a length of 1.4kb. IL-13 and IL-4 exhibit a 30% of sequence similarity and have a similar structure.

Specific Activity

IL13 (interleukin 13, IL-13) [Homo sapiens]

Target

IL13

Source

Humanized (from mouse)

Species Reactivity

Human

Type

Humanized (from mouse) scFv

Expression Host

E. coli

Purity

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

Purification

Purified by Nickel ion affinity chromatography

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Cellular Localization

kappa

Storage

At -20°C for one year.

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;