

# Product Information

## Recombinant Anti-Human il13ra1 Antibody Fab Fragment

Cat. No.: **MOM-18574-F(E)**

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

### Product Overview

Recombinant Mouse Antibody Fab Fragment specifically binds to Human IL13RA1, expressed in Chinese Hamster Ovary cells(CHO)

### Antigen Description

Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a functional receptor for IL13. Also serves as an alternate accessory protein to the common cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.

### Specific Activity

Tested positive against native antigen.

### Target

IL13RA1

### 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%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

### Applications

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

### Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

## ANTIGEN GENE INFORMATION

### Gene Name

[IL13RA1 interleukin 13 receptor, alpha 1 \[ Homo sapiens \]](#)

**Official Symbol**

IL13RA1

**Synonyms**

IL13RA1; interleukin 13 receptor, alpha 1; interleukin-13 receptor subunit alpha-1; CD213a1; CD213a1 antigen; IL 13Ra; IL13 receptor alpha 1 chain; NR4; CT19; IL-13RA1; IL-13R-alpha-1; IL-13R subunit alpha-1; cancer/testis antigen 19; IL13 receptor alpha-1 chain; IL-13 receptor subunit alpha-1; bB128O4.2.1 (interleukin 13 receptor, alpha 1); CD213A1; IL-13Ra;

**Gene ID**

[3597](#)

**mRNA Refseq**

[NM\\_001560](#)

**Protein Refseq**

[NP\\_001551](#)

**MIM**

[300119](#)

**UniProt ID**

P78552

**Chromosome Location**

Xq24

**Pathway**

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; IL-4 signaling Pathway, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

**Function**

cytokine receptor activity; protein binding; receptor activity;