

Product Information

Recombinant Anti-Human IL5 Antibody Fab Fragment

Cat. No.: **MOM-18031-F(E)**

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

Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment binds selectively to Human IL5, expressed in Chinese Hamster Ovary cells(CHO cells)

Antigen Description

Interleukin 5 or IL-5 is an interleukin produced by T helper-2 cells and mast cells. Through binding to the IL-5 receptor, IL-5 stimulates B cell growth and increases immunoglobulin secretion. It is also a key mediator in eosinophil activation.

Specific Activity

Tested positive against native antigen.

Target

IL5

Immunogen

Recombinant human IL5.

Source

Humanized (from mouse)

Species Reactivity

Human

Type

Fab Fragment based on Humanized (from mouse) IgG1 - kappa

Expression Host

CHO

Purity

Purity >95% by SDS-PAGE.

Applications

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

Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

BACKGROUND

Keywords

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ANTIGEN GENE INFORMATION

Gene Name

[IL5 interleukin 5 \(colony-stimulating factor, eosinophil\) \[Homo sapiens \]](#)

Official Symbol

IL5

Synonyms

IL5; interleukin 5 (colony-stimulating factor, eosinophil); interleukin-5; B cell differentiation factor I; EDF; eosinophil differentiation factor; IL 5; interleukin 5; T cell replacing factor; TRF; T-cell replacing factor; B-cell differentiation factor I; IL-5;

Gene ID

[3567](#)

mRNA Refseq

[NM_000879](#)

Protein Refseq

[NP_000870](#)

MIM

[147850](#)

UniProt ID

P05113

Chromosome Location

5q23-q31

Pathway

Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Asthma, organism-specific biosystem; Asthma, conserved biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem;

Function

cytokine activity; growth factor activity; interleukin-5 receptor binding; protein binding;