

Product Information

Recombinant Anti-Human IL6R Antibody Fab Fragment

Cat. No.: **MOM-18026-F(P)**

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

Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment is directed against Human IL6R, expressed in E. coli

Antigen Description

Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.

Specific Activity

Tested positive against native antigen.

Target

IL6R

Immunogen

IL-6R bound to Sepharose4B.

Source

Humanized (from mouse)

Species Reactivity

Human

Type

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

Expression Host

E. coli

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

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

[IL6R interleukin 6 receptor \[Homo sapiens \]](#)

Official Symbol

IL6R

Synonyms

IL6R; interleukin 6 receptor; interleukin-6 receptor subunit alpha; CD126; IL-6R 1; CD126 antigen; membrane glycoprotein 80; IL-6 receptor subunit alpha; gp80; IL6RA; IL-6RA; IL-6R-1; MGC104991;

Gene ID

[3570](#)

mRNA Refseq

[NM_000565](#)

Protein Refseq

[NP_000556](#)

MIM

[147880](#)

UniProt ID

P08887

Chromosome Location

1q21

Pathway

Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; IL-6 Signaling Pathway, organism-specific biosystem; IL6-mediated signaling events, organism-specific biosystem;

Function

ciliary neurotrophic factor binding; contributes_to ciliary neurotrophic factor receptor activity; enzyme binding; interleukin-6 binding; contributes_to interleukin-6 receptor activity; contributes_to interleukin-6 receptor binding; protein binding; protein homodimerization activity; receptor activity;