SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human IL6 Antibody scFv Fragment

Cat. No.: **MOM-18253-S(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized (from rat) Antibody scFv Fragment is bind to Human IL-6, expressed in E. coli

Antigen Description

Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differentiation. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation Acts on B-cells, T-cells, hepatocytes, hematopoeitic progenitor cells and cells of the CNS. Also acts as a myokine. It is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance.

Specific Activity

Tested positive against native antigen.

Target

IL-6

Immunogen

Recombinant full length protein (Human).

Source

Humanized (from rat)

Species Reactivity

Human

Type

scFv Fragment from Humanized (from rat) IgG4 - kappa

Expression Host

E. coli

Purity

Purity >95% by SDS-PAGE.

Applications

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

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFOMATION

Gene Name

IL6 interleukin 6 (interferon, beta 2) [Homo sapiens]

Official Symbol

IL6

Synonyms

IL6; interleukin 6 (interferon, beta 2); IFNB2; interleukin-6; BSF2; HGF; HSF; IL 6; CDF; BSF-2; IFN-beta-2; interferon beta-2; interleukin BSF-2; hybridoma growth factor; CTL differentiation factor; B-cell stimulatory factor 2; B-cell differentiation factor; IL-6;

Gene ID

3569

mRNA Refseq

NM_000600

Protein Refseq

NP_000591

MIM

147620

UniProt ID

P05231

Chromosome Location

7p21-p15

Pathway

ATF-2 transcription factor network, organism-specific biosystem; Adipogenesis, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem;

Function

cytokine activity; cytokine activity; growth factor activity; interleukin-6 receptor binding; contributes_to interleukin-6 receptor binding; interleukin-6 receptor binding;

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com