

Product Information

Recombinant Anti-Human IL6 Antibody

Cat. No.: **MOM-H26**

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

Product Overview

Recombinant Mouse Antibody is bind to Human IL6, expressed in HEK293

Antigen Description

Interleukin 6 (IL-6) is an interleukin that acts as both a pro-inflammatory cytokine and an anti-inflammatory myokine. In humans, it is encoded by the IL6 gene.

Specific Activity

ICAM1(intercellular adhesion molecule 1, ICAM-1, CD54) [Homo sapiens]

Target

IL6

Source

Mouse

Species Reactivity

Human

Type

Mouse IgG2a

Expression Host

HEK293

Purity

>95.0% as determined by analysis by SDS-PAGE.

Purification

Purified by protein-G affinity chromatography.

Applications

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

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFORMATION

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;