

Product Information

Recombinant Anti-Human osm Antibody Fab Fragment

Cat. No.: **MOM-18454-F(E)**

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

Product Overview

Recombinant Mouse Antibody Fab Fragment is directed against Human OSM, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Growth regulator. Inhibits the proliferation of a number of tumor cell lines. Stimulates proliferation of AIDS-KS cells. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells. Uses both type I OSM receptor (heterodimers composed of LIPR and IL6ST) and type II OSM receptor (heterodimers composed of OSMR and IL6ST).

Specific Activity

Tested positive against native antigen.

Target

OSM

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

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

ANTIGEN GENE INFORMATION

Gene Name

[OSM oncostatin M \[Homo sapiens \]](#)

Official Symbol

OSM

Synonyms

OSM; oncostatin M; oncostatin-M; MGC20461

Gene ID

[5008](#)

mRNA Refseq

[NM_020530](#)

Protein Refseq

[NP_065391](#)

MIM

[165095](#)

UniProt ID

P13725

Chromosome Location

22q12.2

Pathway

Adipogenesis, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

Function

cytokine activity; growth factor activity; oncostatin-M receptor binding;