

Product Information

Recombinant Anti-Human CSF2RA Antibody Fab Fragment

Cat. No.: **MOM-18096-F(E)**

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

Product Overview

Recombinant Human Antibody Fab Fragment binds selectively to Human CSF2RA, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Low affinity receptor for granulocyte-macrophage colony-stimulating factor. Transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells.

Target

CSF2RA

Immunogen

Human GM-CSF Receptor alpha transfected COS cells.

Source

Human

Species Reactivity

Human

Type

Fab Fragment based on Human IgG4 - lambda2

Expression Host

CHO

Predicted N terminal

H Chain: QVQLVQS; L Chain: QSVLTQP

Purity

>95%, by SDS-PAGE with silver staining, under reducing conditions.

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.

ANTIGEN GENE INFORMATION

Gene Name

[CSF2RA colony stimulating factor 2 receptor, alpha, low-affinity \(granulocyte-macrophage\) \[Homo sapiens \]](#)

Official Symbol

CSF2RA

Synonyms

CSF2RA; colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage); CSF2R; granulocyte-macrophage colony-stimulating factor receptor subunit alpha; CD116; GMR-alpha; GMCSFR-alpha; CD116 antigen; GM-CSF receptor alpha subunit; colony stimulating factor 2 receptor alpha subunit; granulocyte-macrophage colony-stimulating factor receptor alpha chain; GMR; SMDP4; CDw116; CSF2RX; CSF2RY; GMCSFR; CSF2RAX; CSF2RAY; MGC3848; MGC4838; GM-CSF-R-alpha;

Gene ID

[1438](#)

mRNA Refseq

[NM_001161529](#)

Protein Refseq

[NP_001155001](#)

MIM

[306250](#)

UniProt ID

P15509

Chromosome Location

Xp22.32 and Yp11.3

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; Immune System, organism-specific biosystem; Interleukin receptor SHC signaling, organism-specific biosystem;

Function

cytokine receptor activity; receptor activity;