

Product Information

Recombinant Anti-Human areg Antibody Fab Fragment

Cat. No.: **MOM-18375-F(P)**

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

Product Overview

Recombinant Mouse Antibody Fab Fragment binds selectively to Human AREG, expressed in E. coli

Antigen Description

Bifunctional growth-modulating glycoprotein. Inhibits growth of several human carcinoma cells in culture and stimulates proliferation of human fibroblasts and certain other tumor cells.

Specific Activity

Tested positive against native antigen.

Target

AREG

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

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

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

[AREG amphiregulin \[Homo sapiens \]](#)

Official Symbol

AREG

Synonyms

AREG; amphiregulin; schwannoma derived growth factor , SDGF; schwannoma-derived growth factor; colorectum cell-derived growth factor; AR; SDGF; AREGB; CRDGF; MGC13647

Gene ID

[374](#)

mRNA Refseq

[NM_001657](#)

Protein Refseq

[NP_001648](#)

MIM

[104640](#)

UniProt ID

P15514

Chromosome Location

4q13-q21

Pathway

ErbB receptor signaling network, organism-specific biosystem; ErbB signaling pathway, organism-specific biosystem; ErbB signaling pathway, organism-specific biosystem; ErbB signaling pathway, conserved biosystem;