

# Product Information

## Recombinant Anti-Human areg Antibody scFv Fragment

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

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

### Product Overview

Recombinant Mouse Antibody scFv Fragment specifically binds 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

scFv

### Expression Host

E. coli

### Purity

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

### 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 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;