

Product Information

Recombinant Anti-Human grn Antibody Fab Fragment

Cat. No.: **MOM-18372-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 GRN, expressed in E. coli

Antigen Description

Granulins have possible cytokine-like activity. They may play a role in inflammation, wound repair, and tissue remodeling. Granulin-4 promotes proliferation of the epithelial cell line A431 in culture while granulin-3 acts as an antagonist to granulin-4, inhibiting the growth.

Specific Activity

Tested positive against native antigen.

Target

GRN

Immunogen

Recombinant fragment: SCEKEVVSAQ PATFLARSPH VGVKDVECGE GHFCHDNQTC CRDNRQGWAC
CPYRQGVCCA DRRHCCPAGF RCAARGTKCL RREAPRWDAP LRDPALRQLL , corresponding to amino acids 494-594
of Human GranulinSCEKEVVSAQPATFLARSPHVGVKDVECGEGHFCHDNQTC
CRDNRQGWACCPYRQGVCCADRRHCC

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 -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[GRN granulin \[Homo sapiens \]](#)

Official Symbol

GRN

Synonyms

GRN; granulin; granulins; CLN11; PCDGF; PGRN; progranulin; acrogranin; proepithelin; granulin-epithelin; PC cell-derived growth factor; GEP; GP88; PEPI

Gene ID

[2896](#)

mRNA Refseq

[NM_002087](#)

Protein Refseq

[NP_002078](#)

MIM

[138945](#)

UniProt ID

P28799

Chromosome Location

17q21.32

Function

cytokine activity; growth factor activity;