

# Product Information

## Recombinant Anti-Human grn Antibody

Cat. No.: **MOM-18372**

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

### Product Overview

Recombinant Mouse Antibody is against Human GRN, expressed in Chinese Hamster Ovary cells(CHO)

### 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 GranulinSCEKEVVSAQPATFLARSPHVGKDVCEGEGHFCHDNQTC  
CRDNRQGWACCPYRQGVCCADRRHCC

### Source

Mouse

### Species Reactivity

Human

### Type

IgG

### Expression Host

CHO

### Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

### Applications

Suitable for use in WB, IP, IF, FuncS, FC, Neut and most other immunological methods.

### Storage

Store at -20°C. Avoid multiple 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;