

# Anti-Granulin/Progranulin antibody



Catalog Number: 101845

## Product name

Anti-Granulin/Progranulin antibody

## Immunogen

[Human Granulin/Progranulin \(His Tag\) recombinant protein](#)

## Specificity

Human Granulin / GRN

**No cross-reactivity** with Human cell lysate (293 cell line) in WB and ELISA.

## Antibody description

Mouse monoclonal to Granulin/Progranulin

## Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human Granulin / GRN (rhGRN; Met 1-Leu 593; NP\_002078.1). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

## Formulation

0.2 µm filtered solution in PBS with 5% trehalose

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Monoclonal

## Ig Type

Mouse IgG1

## Applications

ELISA, IF, ICC/IF

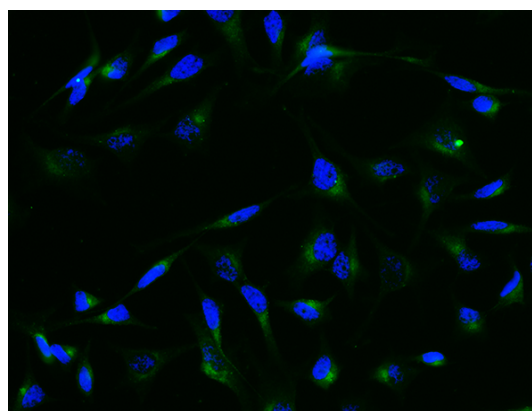
## Dilutions

ELISA: 0.5-1 µg/mL

This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect GRN. The detection limit for GRN is approximately 0.16 ng/well.

ICC/IF: 10-25 µg/mL

## Validations



Granulin / GRN / Progranulin Antibody, Mouse MAb, Immunofluorescence

Immunofluorescence staining of Human GRN in Hela cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with mouse anti-Human GRN monoclonal antibody (15 µg/ml). Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.