

## Mouse anti-Human Granulin Monoclonal Antibody | anti-GRN antibody

Anti-Granulin Antibody, Mouse Monoclonal

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                          |
|-----------|-------|------------|-------------------------------------------------------|
| AAA255206 | Mouse | Human      | Immunofluorescence, Immunocytochemistry, ELISA, ELISA |

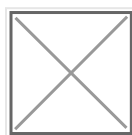
### PRODUCT SYNONYMS

Granulin; Monoclonal Antibody; Anti-Granulin Antibody; Mouse Monoclonal; Granulin/GRN/Progranulin Antibody; Mouse MAb; Granulin Precursor; Anti-CLN11 Antibody; Anti-GEP Antibody; Anti-GP88 Antibody; Anti-PCDGF Antibody; Anti-PEPI Antibody; Anti-PGRN Antibody; Anti-Progranulin Antibody; anti-GRN antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                                                                                                                                                                                            |
| Reactivity                                    | Human                                                                                                                                                                                                                                                                                            |
| Clonality                                     | Monoclonal                                                                                                                                                                                                                                                                                       |
| Isotype                                       | Mouse IgG1                                                                                                                                                                                                                                                                                       |
| Clone Number                                  | 2F3G11                                                                                                                                                                                                                                                                                           |
| Specificity                                   | Human Granulin/GRN                                                                                                                                                                                                                                                                               |
| Purity/Purification                           | Protein A                                                                                                                                                                                                                                                                                        |
| Form/Format                                   | 0.2um filtered solution in PBS                                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-GRN antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, ELISA                                                                                                                                                                                                                                 |
| Immunogen                                     | Recombinant Human Granulin protein                                                                                                                                                                                                                                                               |
| Conjugation                                   | Unconjugated                                                                                                                                                                                                                                                                                     |
| 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). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography. |
| Preparation and Storage                       | This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.                            |

### IMAGES



#### IF (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 (1:60). 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.

ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Hoque M, et al. (2003) The growth factor granulin interacts with cyclin T1 and modulates P-TEFb-dependent transcription. Mol Cell Biol. 23(5): 1688-702.Bateman A, et al. (1990) Granulins, a novel class of peptide from leukocytes. Biochem Biophys Res Commun. 173(3): 1161-8.Trinh DP, et al. (1999) Epithelin/granulin growth factors: extracellular cofactors for HIV-1 and HIV-2 Tat proteins. Biochem Biophys Res Commun. 256(2): 299-306. |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4504151                                                                                             |
| NCBI GeneID                      | 2896                                                                                                |
| NCBI Accession #                 | NP_002078.1                                                                                         |
| NCBI GenBank Nucleotide #        | NM_002087.3                                                                                         |
| UniProt Accession #              | P28799; P23781; P23782; P23783; P23784; Q53HQ8; Q53Y88; Q540U8; Q9BWE7; Q9H8S1; Q9UCH0; D3DX55      |
| NCBI Official Full Name          | granulins                                                                                           |
| NCBI Official Synonym Full Names | granulin                                                                                            |
| NCBI Official Symbol             | GRN                                                                                                 |
| NCBI Official Synonym Symbols    | GEP; GP88; PEPI; PGRN; CLN11; PCDGF                                                                 |
| NCBI Protein Information         | granulins; PC cell-derived growth factor; acrogranin; granulin-epithelin; proepithelin; progranulin |
| UniProt Protein Name             | Granulins                                                                                           |
| UniProt Gene Name                | GRN                                                                                                 |
| UniProt Synonym Gene Names       | PEPI                                                                                                |
| UniProt Entry Name               | GRN_HUMAN                                                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/granulin-antibody-clone-2f3g11-immunofluorescence-immunocytochemistry-elisa/255206>