

# KD-Validated Anti-Granulin Precursor Mouse Monoclonal Antibody

*Mouse monoclonal antibody*

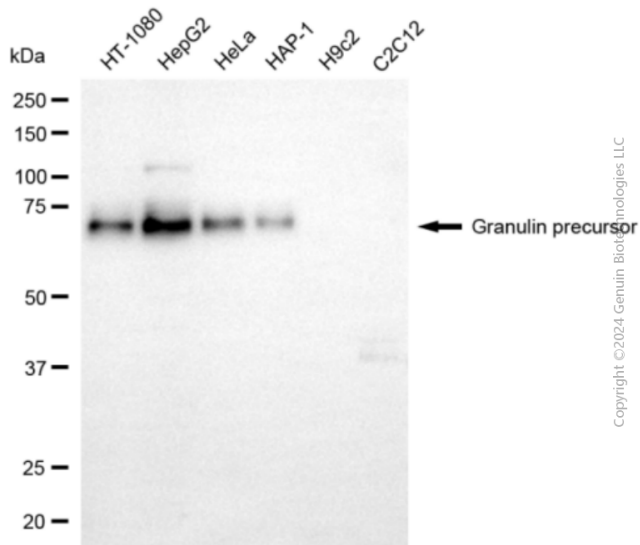
ABG1950

## Product Overview

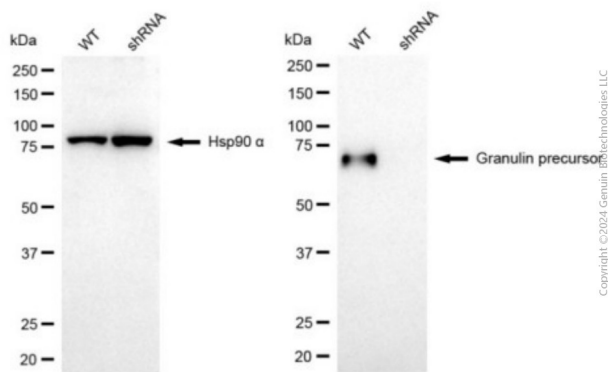
|                             |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Granulin Precursor Mouse Monoclonal Antibody            |
| <b>Accession(Primary)</b>   | P28799                                                                    |
| <b>Host Species</b>         | Mouse                                                                     |
| <b>Clonality</b>            | Monoclonal                                                                |
| <b>Isotype</b>              | Mouse IgG1                                                                |
| <b>Immunogen</b>            | Recombinant protein of human GRN                                          |
| <b>Species Reactivity</b>   | Human                                                                     |
| <b>Calculated MW</b>        | Predicted, 64 kDa, observed, 73 kDa                                       |
| <b>Storage Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| <b>Recommended Dilution</b> | Western Blotting (WB): 1:1,000-1:2,500                                    |

## Target information (P28799)

|                          |                                                                                                                                                                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | GRN                                                                                                                                                                                                                                                                            |
| <b>About Gene Symbol</b> | GRN (Granulin Precursor) is a cytokine and immune signaling protein involved in immune signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



Western blotting analysis using anti-granulin precursor antibody (Cat#ABG1950). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-granulin precursor antibody (Cat#ABG1950, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-granulin precursor antibody (Cat#ABG1950). Granulin precursor expression in wild type (WT) and granulin precursor (GRN) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-granulin precursor antibody (Cat#ABG1950, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.