

## Rabbit anti-Human GPRC5D Monoclonal Antibody | anti-GPRC5D antibody

Anti-GPRC5D antibody (DM91), Rabbit mAb

|                              |                       |                            |                                                                |
|------------------------------|-----------------------|----------------------------|----------------------------------------------------------------|
| CATALOG #<br><b>AAA47416</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay, ELISA</b> |
|------------------------------|-----------------------|----------------------------|----------------------------------------------------------------|

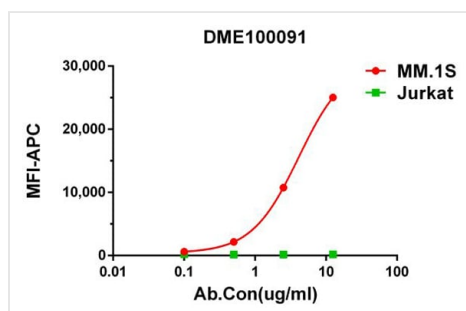
### PRODUCT SYNONYMS

GPRC5D; Monoclonal Antibody; Anti-GPRC5D antibody (DM91); Rabbit mAb; anti-GPRC5D antibody

### PRODUCT SPECIFICATIONS

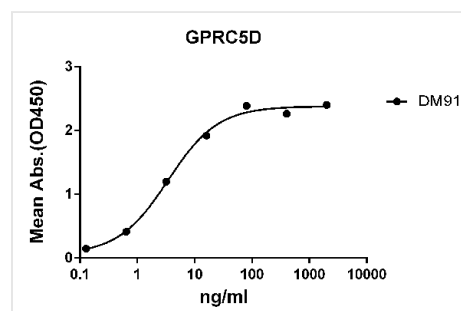
|                                                  |                                                                                                                                |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                         |
| Reactivity                                       | Human                                                                                                                          |
| Clonality                                        | Monoclonal                                                                                                                     |
| Isotype                                          | Rabbit IgG                                                                                                                     |
| Clone Number                                     | DM91                                                                                                                           |
| Purity/Purification                              | Purified from cell culture supernatant by affinity chromatography                                                              |
| Form/Format                                      | Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. 0.1% Procline 300 |
| Applicable Applications for anti-GPRC5D antibody | FCM/FACS (Flow Cytometry), ELISA                                                                                               |
| Immunogen                                        | Recombinant human GPRC5D (Thr2-Pro21) produced by using human HEK293 cells                                                     |
| Reconstitution                                   | Reconstitute with deionized water                                                                                              |
| Preparation and Storage                          | Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)                                                      |

### IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. Binding of different concentrations Rabbit Anti-Human GPRC5D monoclonal antibody to MM.1S and Jurkat cell line was determined by flow cytometry.



ELISA

Figure 2. Binding of different concentrations Rabbit Anti-Human GPRC5D monoclonal antibody to MM.1S and Jurkat cell line was determined by flow cytometry.

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                 |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GPRC5D antibody | The protein encoded by this gene is a member of the G protein-coupled receptor family; however, the specific function of this gene has not yet been determined. |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| NCBI GI #                        | 8923705                                                                                 |
| NCBI GeneID                      | 55507                                                                                   |
| NCBI Accession #                 | NP_061124.1                                                                             |
| NCBI GenBank Nucleotide #        | NM_018654.1                                                                             |
| UniProt Accession #              | Q9NZD1; Q3KNV3; Q7Z5J9; Q8TDS6                                                          |
| Molecular Weight                 | 38,791 Da                                                                               |
| NCBI Official Full Name          | G-protein coupled receptor family C group 5 member D                                    |
| NCBI Official Synonym Full Names | G protein-coupled receptor, family C, group 5, member D                                 |
| NCBI Official Symbol             | GPRC5D                                                                                  |
| NCBI Protein Information         | G-protein coupled receptor family C group 5 member D; orphan G-protein coupled receptor |
| UniProt Protein Name             | G-protein coupled receptor family C group 5 member D                                    |
| UniProt Gene Name                | <b>GPRC5D</b>                                                                           |
| UniProt Entry Name               | GPC5D_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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/gprc5d-antibody-clone-dm91-flow-cytometry-elisa/47416>