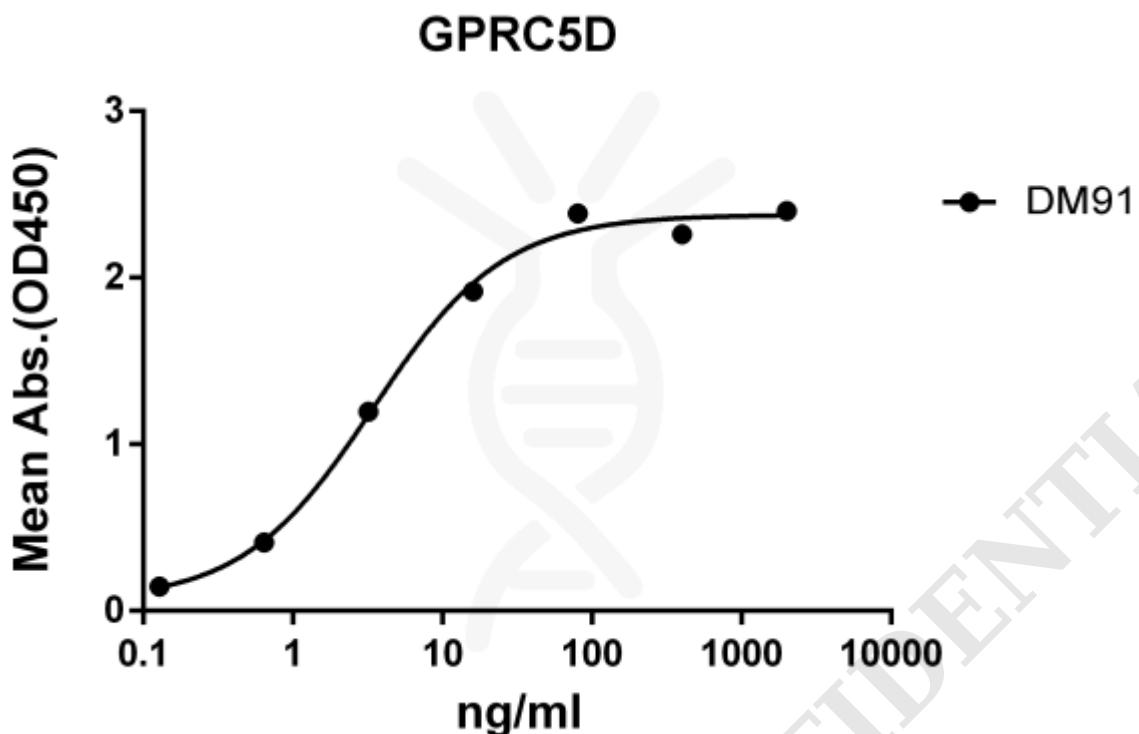


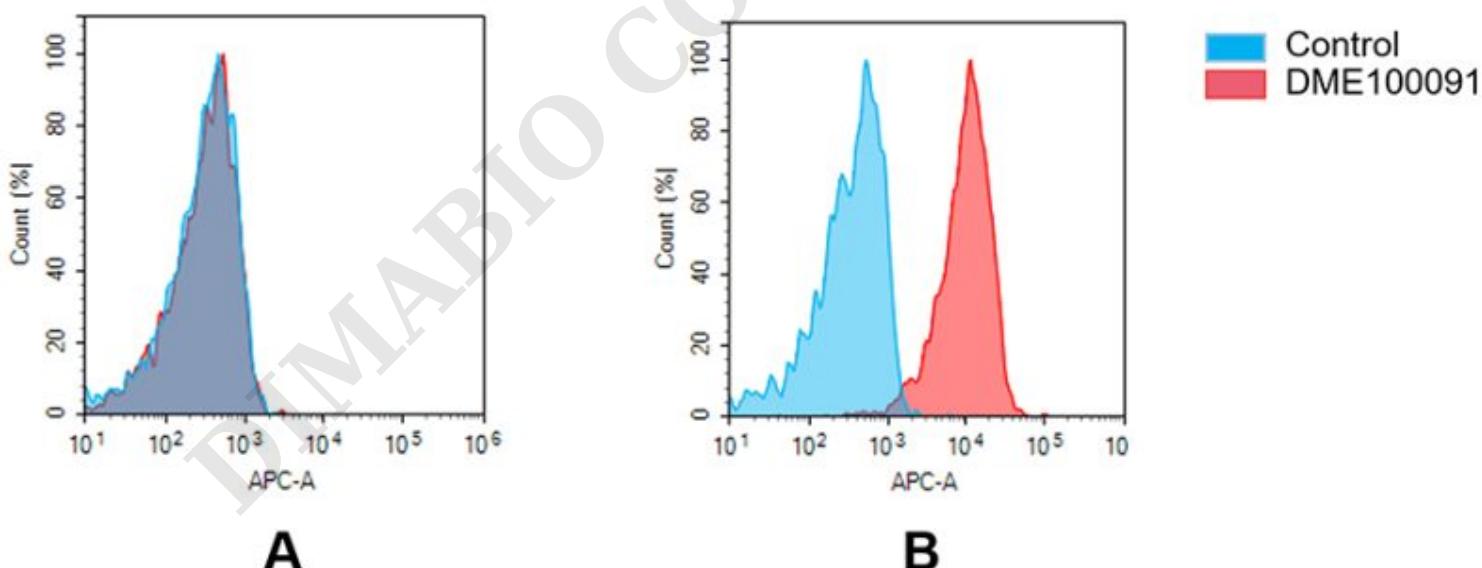
## PRODUCT INFORMATION

<b>Clone ID</b>	DM91
<b>Target</b>	GPRC5D
<b>Synonyms</b>	GPRC5D
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-GPRC5D antibody(DM91); Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9NZD1
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA FC
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated
<b>DIMA Disclaimer</b>	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.





**Figure 1.** ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human GPRC5D protein, hFc-His tagged protein ([getskuurl sku="PME100066"]]) can bind Rabbit anti-GPRC5D monoclonal antibody (**clone: DM91**) in a linear range of 0.256-32 ng/ml.



**Figure 2 .** Flow cytometry analysis of antigen binding of rabbit anti-human GPRC5D mAb (DME100091). (A) DME100091 does not bind to Jurkat cells that do not express GPRC5D. (B) A clear peak shift of DME100091 was seen compared to the control when incubated with GPRC5D-expressing MM.1S cells, indicating strong binding of DME100091 to GPRC5D. Antibodies were incubated at 5  $\mu$ g/mL.

