PRODUCT INFORMATION

Clone ID	DM91
Target	GPRC5D
Synonyms	GPRC5D
Host Species	Rabbit
Description	Anti-GPRC5D antibody(DM91); Rabbit mAb
Delivery	In Stock
Uniprot ID	Q9NZD1
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA FC
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	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.
Storage & Shipping	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.
Background	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.
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	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.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

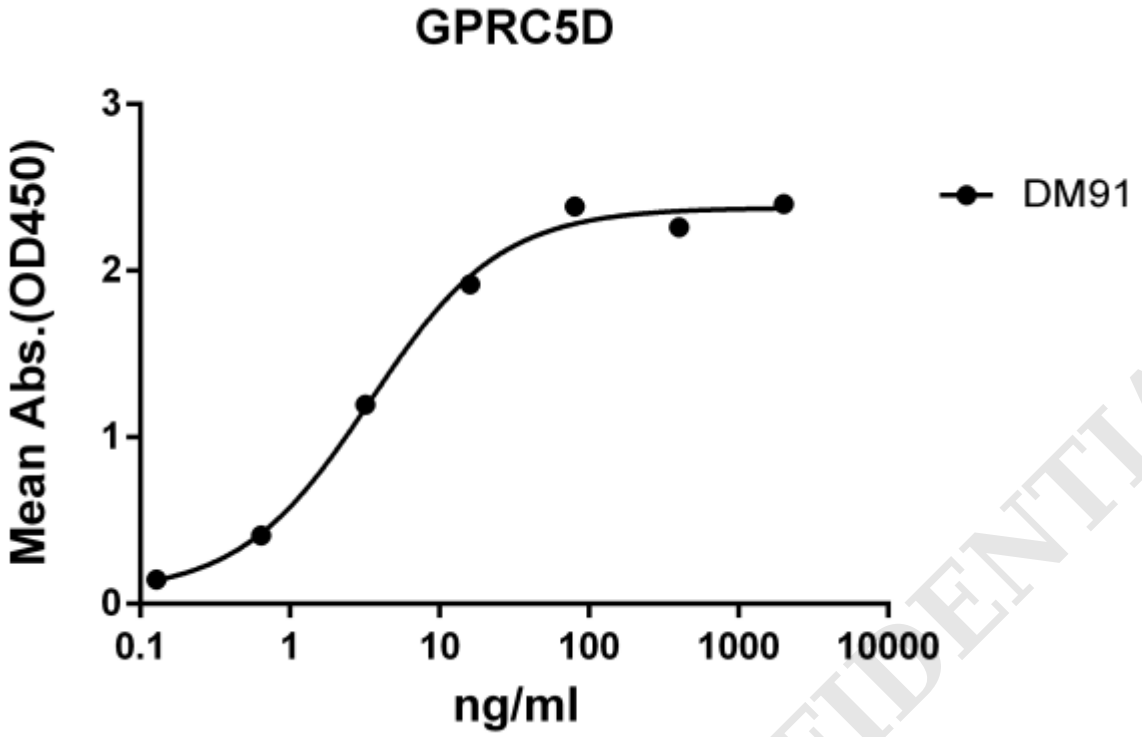

Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human GPRC5D protein, hFc-His tagged protein ([getskuurl sku="PME100066"]) can bind Rabbit anti-GPRC5D monoclonal antibody **(clone: DM91)** in a linear range of 0.256-32 ng/ml.

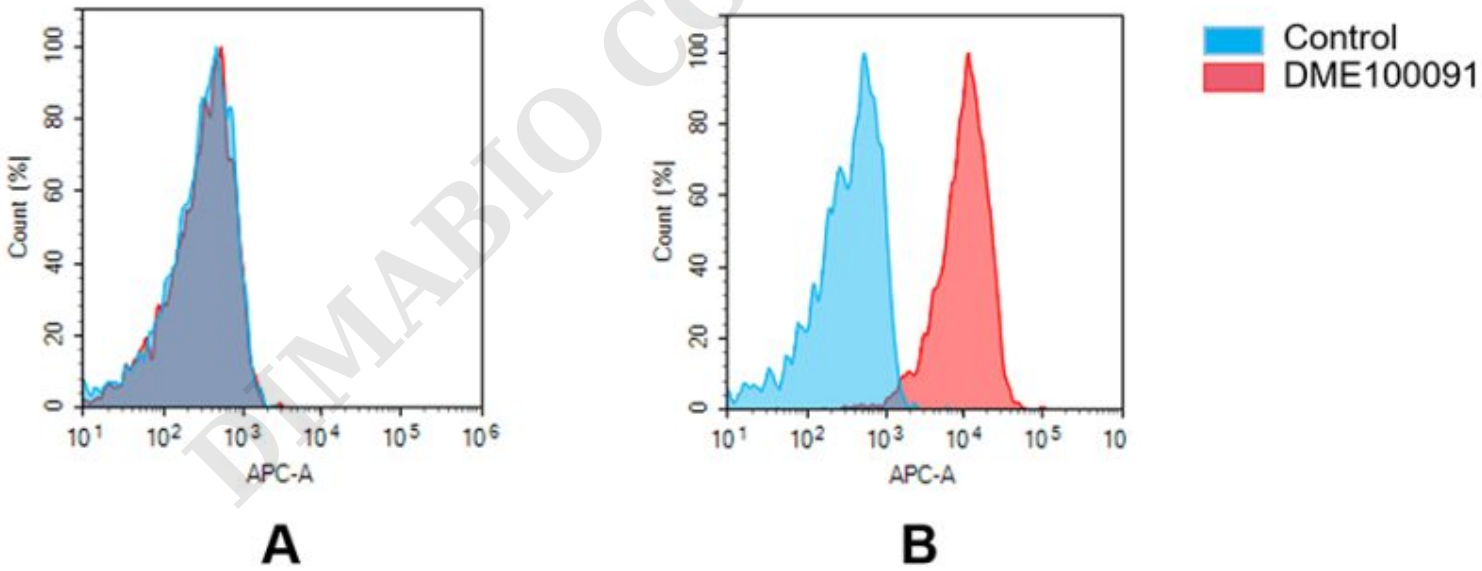

Figure 2 . Flow cytometry analysis of antigen binding of rabbit anti-human GPRC5D mAb (DME100091). (A) DME100091 does not bind to Jurkat cells that do not express GPRC5D. (B) A clear peak shift of DME100091 was seen compared to the control when incubated with GPRC5D-expressing MM.1S cells, indicating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

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