

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



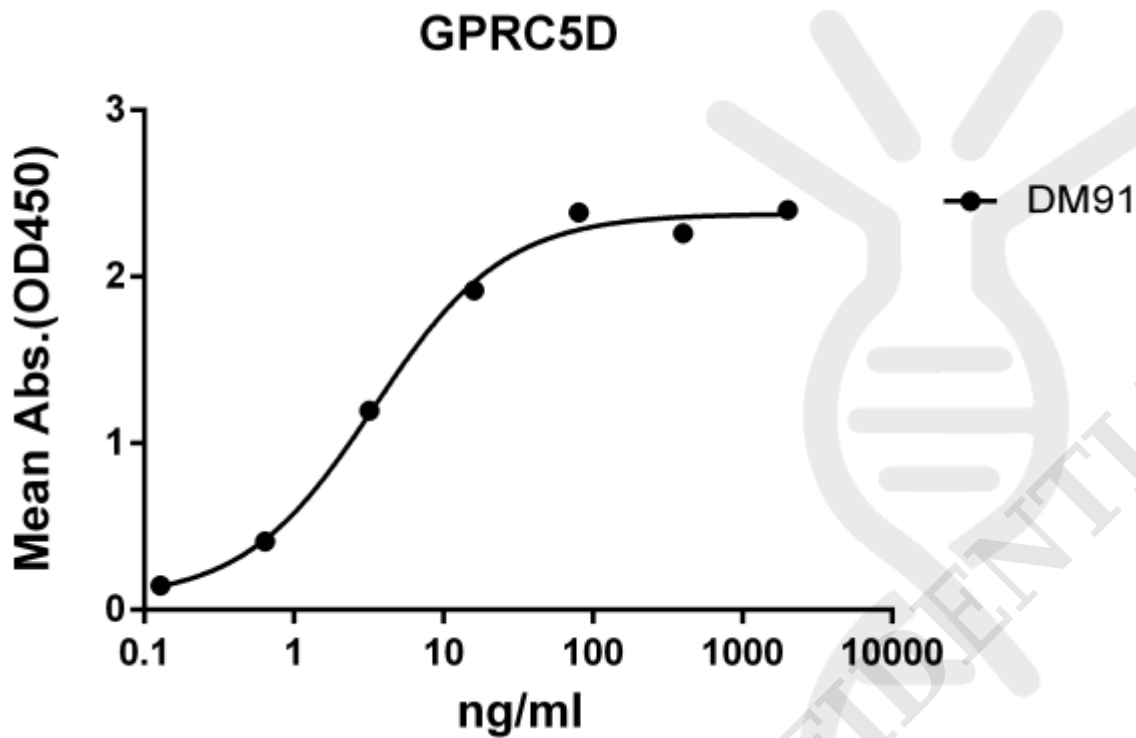


Figure 1. ELISA plate pre-coated by 2 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) Human GPRC5D protein, hFc-His tagged protein ([getskuurl sku="PME100066"]) can bind Rabbit anti-GPRC5D monoclonal antibody (**clone: DM91**) in a linear range of 0.256-32 ng/ml.

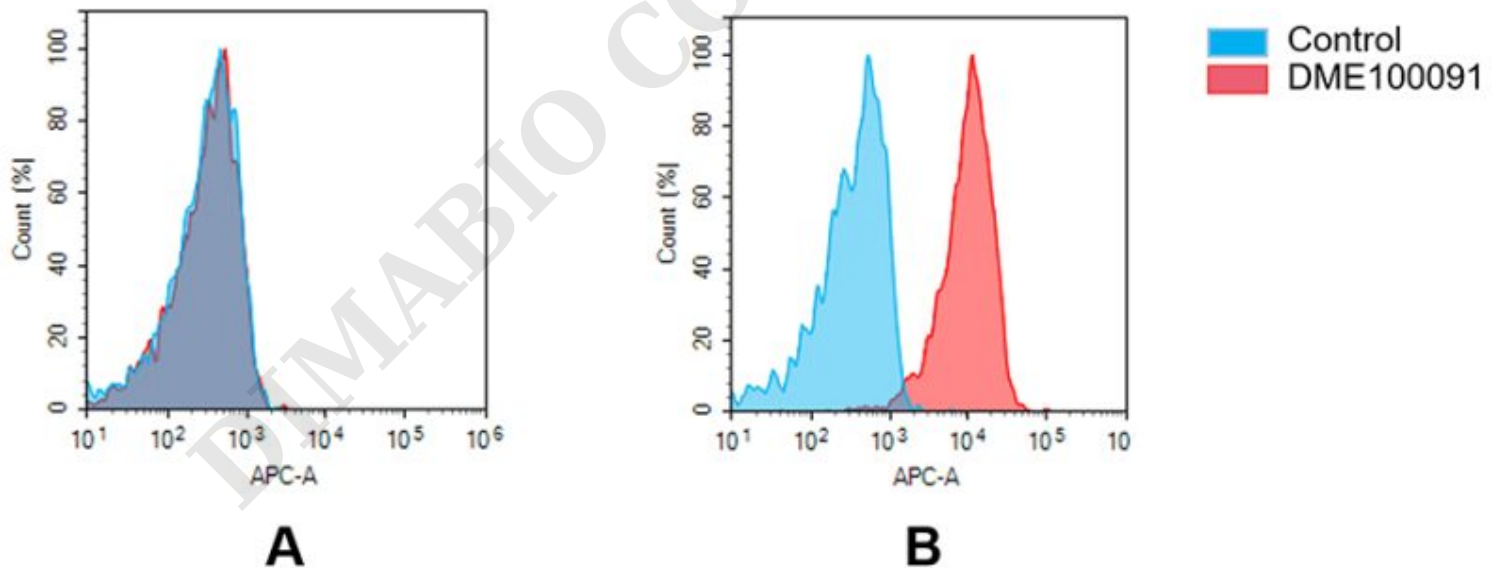


Figure 2 . Flow cytometry analysis of antigen binding of rabbit anti-human GPRC5D mAb (DME100091). (A) DME100091 does not bind to Jurkat cells that do not express GPRC5D. (B) A clear peak shift of DME100091 was seen compared to the control when incubated with GPRC5D-expressing MM.1S cells, indicating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

