

## 12-9047: Anti-GPRC5D antibody(DM60), Rabbit mAb(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DM60
<b>Application :</b>	ELISA,FACS
<b>Reactivity :</b>	Human
<b>Alternative Name :</b>	GPRC5D
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Recombinant human GPRC5D (Met1-Glu27) produced by using human HEK293 cells

### Description

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.

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	Preservative: 0.1% Procline 300 Constituents: 50% Glycerol; PBS,pH 7.4; 0.1% BSA Not Sterile
<b>Storage condition :</b>	Store at -20°C for 12 months (Avoid repeated freezing and thawing)

### Application Note

Recommended Dilutions ELISA 1/5000-10000;FACS 1/100

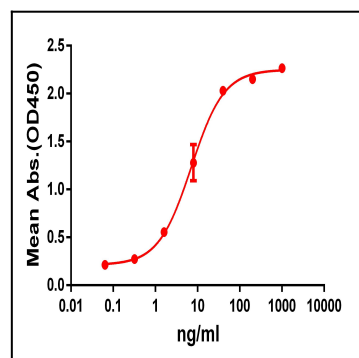


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human GPRC5D protein, hFc-His tagged protein can bind Rabbit anti-GPRC5D monoclonal antibody (clone: DM60) in a linear range of 1-100 ng/ml.

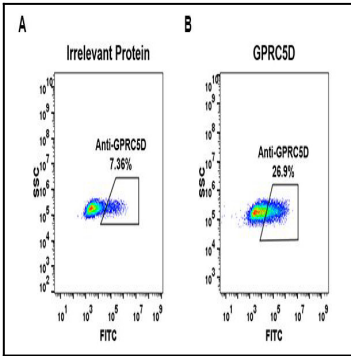


Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human GPRC5D (B) were surface stained with Rabbit anti-GPRC5D monoclonal antibody 15µg/ml (clone: DM60) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

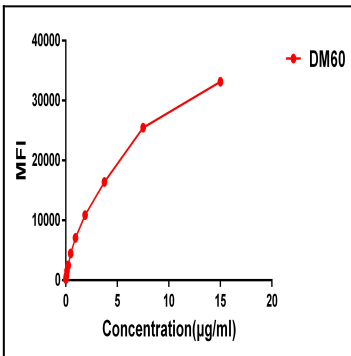


Figure 3. FACS data of serially titrated Rabbit anti- GPRC5D monoclonal antibody (clone: DM60) on H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

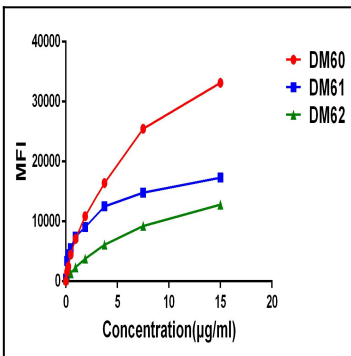


Figure 4. Affinity ranking of different Rabbit anti- GPRC5D mAb clones by titration of different concentration onto H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.