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

Clone Name: Monoclonal
Clone Name: DM60
Application: ELISA,FACS
Reactivity: Human
Alternative Name: GPRC5D
Isotype: Rabbit IgG

Immunogen Information: 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**

**Amount :** 100 μg

**Purification :** Purified from cell culture supernatant by affinity chromatography

Preservative: 0.1% Procline 300

Content: Constituents: 50% Glycerol; PBS,pH 7.4; 0.1% BSA

Not Sterile

Storage condition: Store at -20°C for 12 months (Avoid repeated freezing and thawing)

## **Application Note**

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

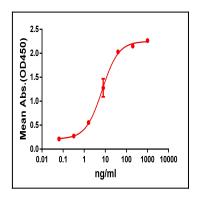


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human GPRC5D protein, hFc-His tagged protein can bind Rabbit anti-GPRC5D monoclonal antibody (clone: DM60) in a linear range of 1-100 ng/ml.



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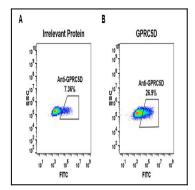


Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human GPRC5D (B) were surface stained with Rabbit anti-GPRC5D monoclonal antibody 15μg/ml (clone: DM60) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

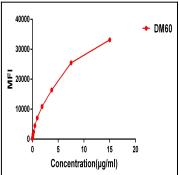


Figure 3. FACS data of serially titrated Rabbit anti- GPRC5D monoclonal antibody (clone: DM60) on H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

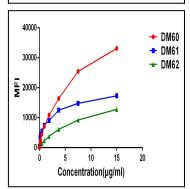


Figure 4. Affinity ranking of different Rabbit anti- GPRC5D mAb clones by titration of different concentration onto H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.