

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

Clonality :	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
Content :	Preservative: 0.1% Procline 300 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

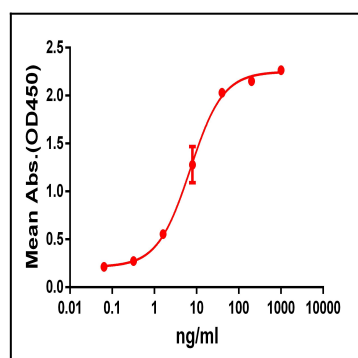


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human GPRC5D protein, hFc-His tagged protein can bind Rabbit anti-GPRC5D monoclonal antibody (clone: DM60) in a linear range of 1-100 ng/ml.

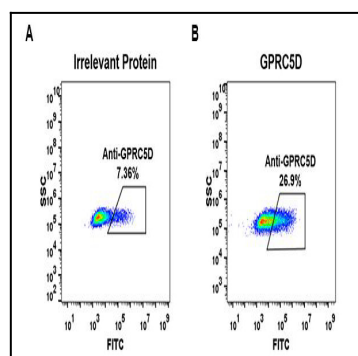


Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human GPRC5D (B) were surface stained with Rabbit anti-GPRC5D monoclonal antibody 15µg/ml (clone: DM60) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

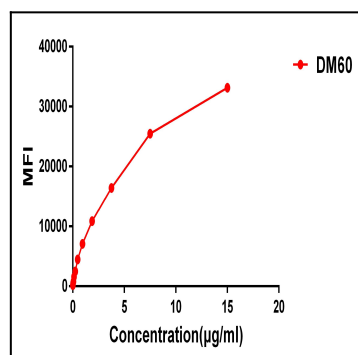


Figure 3. FACS data of serially titrated Rabbit anti- GPRC5D monoclonal antibody (clone: DM60) on H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

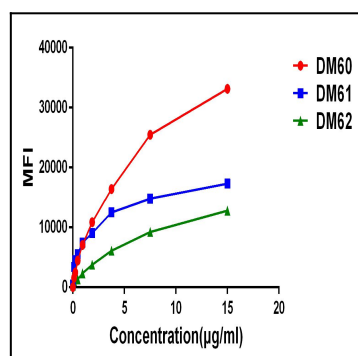


Figure 4. Affinity ranking of different Rabbit anti- GPRC5D mAb clones by titration of different concentration onto H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.