GPRC5D (DM60) RABBIT MAB

Cat.#: 28363
Product Name: Anti-GPRC5D(DM60) Rabbit Monoclonal Antibody
Synonyms: GPRC5D
Description: Anti-GPRC5D antibody(DM60) Rabbit Monoclonal Antibody
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.
Applications: ELISA; Flow Cyt
Recommended Dilutions: ELISA 1:5000-10000; Flow Cyt 1:100
Host Species: Rabbit
Isotype: Rabbit IgG
Purification: Purified from cell culture supernatant by affinity chromatography
Species Reactivity: Human GPRC5D
Constituents: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.
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).

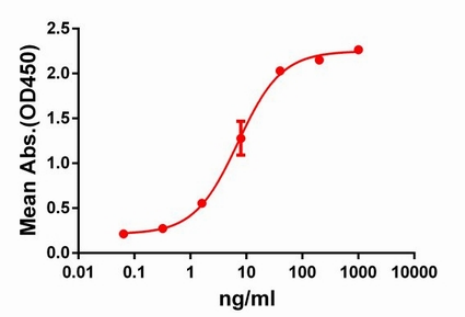

Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human GPRC5D protein, hFc-His tagged protein 11189 can bind Rabbit anti-GPRC5D monoclonal antibody (clone: DM60) in a linear range of 1-100 ng/ml.

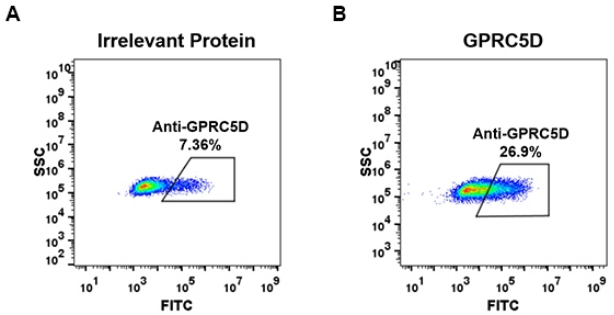

Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human GPRC5D (B) were surface stained with Rabbit anti-GPRC5D monoclonal antibody 15μg/ml (clone: DM60) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

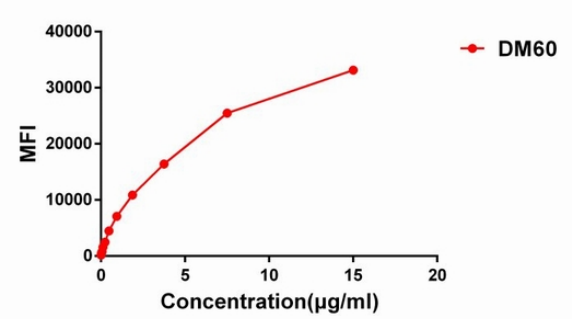

Figure 3. Flow cytometry data of serially titrated Rabbit anti- GPRC5D monoclonal antibody (clone: DM60) on H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

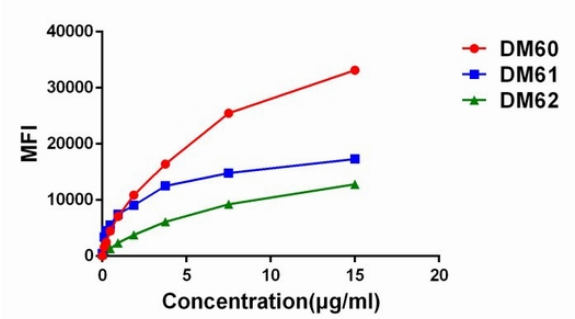

Figure 4. Affinity ranking of different Rabbit anti- GPRC5D mAb clones by titration of different concentration onto H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.