

GPCR5D (DM61) RABBIT MAB

Cat.#: 28365

Product Name: Anti-GPCR5D(DM61) Rabbit Monoclonal Antibody

Synonyms: GPCR5D

Description: Anti-GPCR5D antibody(DM61) 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; IHC

Recommended Dilutions: IHC 1:200, 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 GPCR5D

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).

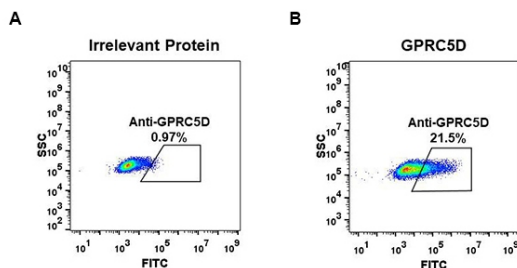
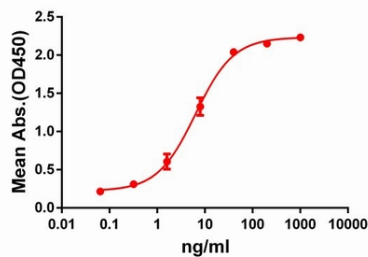


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human GPCR5D protein, hFc-His tagged protein ([getskuur] skul1189 can bind Rabbit anti-GPCR5D monoclonal antibody (clone: DM61) in a linear range of 1-100 ng/ml.

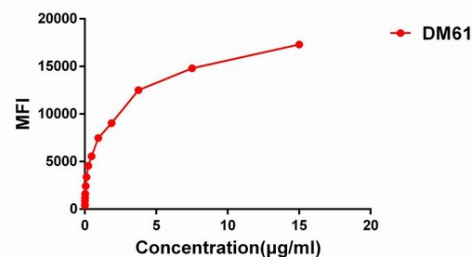


Figure 2. Expi 293 cell line transfected with irrelevant protein (A) and human GPCR5D (B) were surface stained with Rabbit anti-GPCR5D monoclonal antibody 15 µg/ml (clone: DM61) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

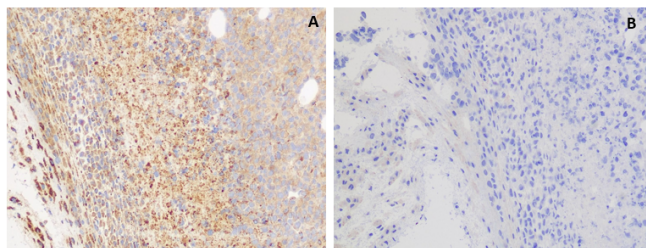


Figure 4. Affinity ranking of different Rabbit anti- GPCR5D mAb clones by titration of different concentration onto H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

Figure 5. IHC staining of H929 cells A. with rabbit anti-GPCR5D mAb (Cat# 28365) at 5.9 µg/ml. B. with another anti-GPCR5D mAb (Cat# 28421) at 8.8 µg/ml. 28365 can specifically react with GPCR5D in IHC application.