

Rabbit anti-Human GPRC5D Monoclonal Antibody | anti-GPRC5D antibody

Anti-GPRC5D antibody (DM61), Rabbit mAb

CATALOG # AAA47298	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA
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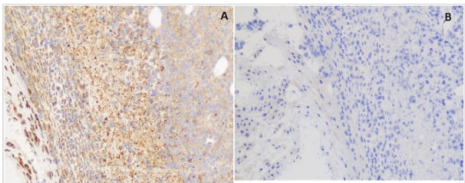
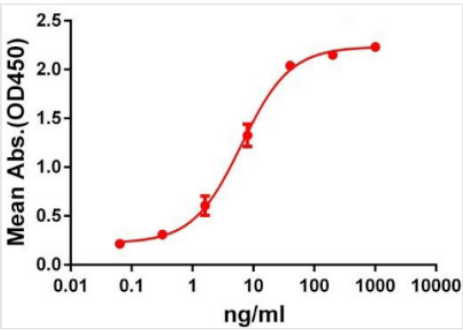
PRODUCT SYNONYMS

GPRC5D; Monoclonal Antibody; Anti-GPRC5D antibody (DM61); Rabbit mAb; anti-GPRC5D antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM63
Purity/Purification	Purified from cell culture supernatant by affinity chromatography Purity: Test - SDS-PAGE & Coomassie blue staining ; Specification: Target protein band (s) $\geq 95.0\%$; Result: Pass
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5% – 8% trehalose is added as protectants before lyophilization.
Applicable Applications for anti-GPRC5D antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human GPRC5D (Met1-Glu27) produced by using human HEK293 cells
Visual Inspection	Test: Lyophilization ; Specification: Dried white powder ; Result: Pass Test: Vial Label ; Specification: Label aligns and complete ; Result: Pass Test: Bottle Sealing (manual check) ; Specification: Sealed tight ; Result: Pass
Quantity	Test: A280 ; Specification: $\geq 95.0\%$; Result: Pass
Other Properties	Test: pH ; Specification: 7.4 ± 0.5 ; Result: Pass
Reconstitution	1: Before opening the tube cap, centrifuge the sample tube at 5000g for 3-5minutes at room temperature to ensure the lyophilized sample to settle down at the bottom of the tube. 2: Dissolved lyophilized protein sample in sterile water based on the recommended volume 149.25ul. 3: After adding sterile water, cover the lid and mix them by gently tapping the tube for 5-10 times. Note: Do not vortex or vigorously pipette sample.
Preparation and Storage	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). Lyophilized proteins are shipped at ambient temperature.

IMAGES



IHC (Immunohistochemistry)
IHC staining of H929 cells A. with rabbit anti-GPRC5D mAb (Cat# AAA47298) at 5.9 ug/ml. B. With another anti-GPRC5D mAb at 8.8 ug/ml. AAA47298 can specifically react with GPRC5D in IHC application.

ELISA
ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human GPRC5D protein, hFc-His tagged protein ([getskuurlsku="PME100066"]) can bind Rabbit anti-GPRC5D monoclonal antibody (clone: DM61) in a linear range of 1-100 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-GPRC5D antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8923705
NCBI GeneID	55507
NCBI Accession #	NP_061124.1
NCBI GenBank Nucleotide #	NM_018654.1
UniProt Accession #	Q9NZD1; Q3KNV3; Q7Z5J9; Q8TDS6
Molecular Weight	38,791 Da
NCBI Official Full Name	G-protein coupled receptor family C group 5 member D
NCBI Official Synonym Full Names	G protein-coupled receptor, family C, group 5, member D
NCBI Official Symbol	GPRC5D
NCBI Protein Information	G-protein coupled receptor family C group 5 member D; orphan G-protein coupled receptor
UniProt Protein Name	G-protein coupled receptor family C group 5 member D
UniProt Gene Name	GPRC5D
UniProt Entry Name	GPC5D_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gprc5d-antibody-clone-dm63-immunohistochemistry-flow-cytometry-elisa/47298>