

GPRC5D recombinant antibody

Anti-GPRC5D Reference Antibody (talquetamab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296846	CHO Cell	Human, Mouse, Cynomolgus	Functional Assay, Flow Cytometry, Functional Assay, ELISA

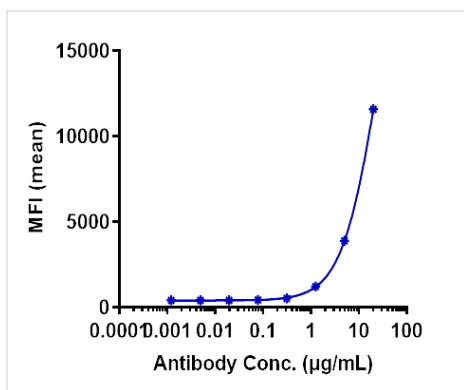
PRODUCT SYNONYMS

GPRC5D; Monoclonal Recombinant Antibody; Anti-GPRC5D Reference Antibody (talquetamab); GPRC5D recombinant antibody

PRODUCT SPECIFICATIONS

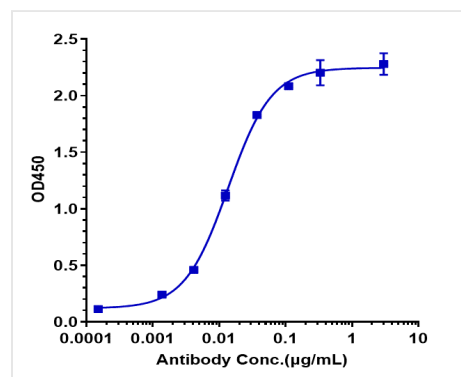
Host	CHO Cell
Reactivity	Human, Mouse, Cynomolgus
Clonality	Monoclonal
Isotype	IgG4
Specificity	GPRC5D
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for GPRC5D recombinant antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



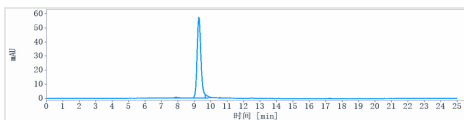
FCM/FACS (Flow Cytometry)

Human GPRC5D HEK293 cells were stained with Anti-GPRC5D Reference Antibody (talquetamab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC196=25.06 ug/mL



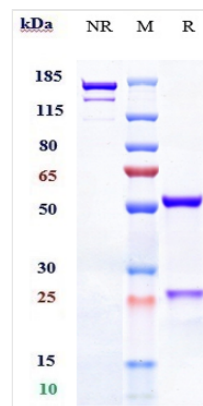
Application Data

Immobilized human CD3E/CD3 epsilon Protein, his Tag at 2 ug/mL can bind Anti-GPRC5D Reference Antibody (talquetamab), EC50=0.01357ug/mL



Application Data

The purity of Anti-GPRC5D Reference Antibody (talquetamab) is more than 95.4% determined by SEC-HPLC.



SDS-PAGE

Anti-GPRC5D Reference Antibody (talquetamab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

Product Categories/Family for GPRC5D recombinant antibody Primary Antibodies

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://www.aaabiotech.com/monoclonal/gprc5d-recombinant-antibody-functional-assay-flow-cytometry-elisa/296846>