

Anti-GPRC5D Reference Antibody (talquetamab)

Recombinant Antibody Catalog # APR10140

Specification

Anti-GPRC5D Reference Antibody (talquetamab) - Product Information

Application Primary Accession Reactivity Clonality Isotype

Calculated MW

FC, Kinetics, Animal Model

Q9NZD1

Human, Mouse Monoclonal

IqG4

144.58 KDa

Anti-GPRC5D Reference Antibody (talquetamab) - Additional Information

Target/Specificity GPRC5D

Endotoxin

< 0.001EU/ µg,determined by LAL method.

Conjugation Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Anti-GPRC5D Reference Antibody (talquetamab) - Protein Information

Name GPRC5D

Function

G-protein coupled receptor involved in hard keratin expression and likely plays a role in the development of hair and nails.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Widely expressed in the peripheral system. Expression pattern is high in pancreas, medium in kidney, small intestine, spleen and testis, low in lung, colon, leukocyte, prostate and thymus and not detectable in brain, heart, liver, placenta, skeletal muscle and ovary.

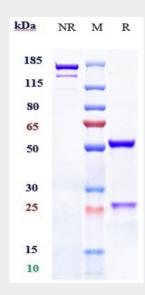


Anti-GPRC5D Reference Antibody (talquetamab) - Protocols

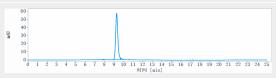
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

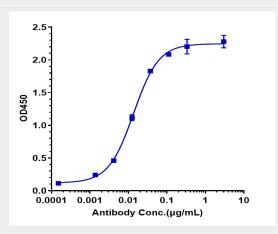
Anti-GPRC5D Reference Antibody (talquetamab) - Images



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%

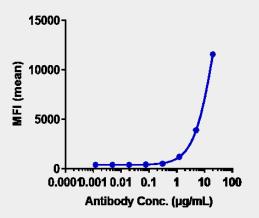


The purity of Anti-GPRC5D Reference Antibody (talquetamab)is more than 95.4% ,determined by SEC-HPLC.





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



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