

**Anti-GPRC5D Reference Antibody (talquetamab)  
Recombinant Antibody  
Catalog # APR10140****Specification**

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**Anti-GPRC5D Reference Antibody (talquetamab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">O9NZD1</a>
Reactivity	Cynomolgus, Human, Mouse
Clonality	Monoclonal
Isotype	IgG4
Calculated MW	144.58 KDa

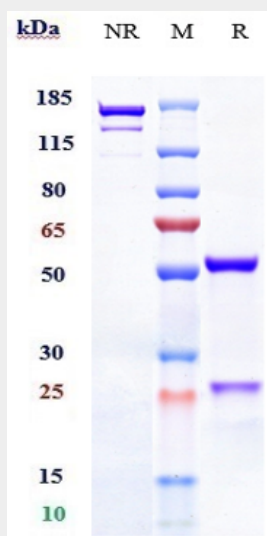
**Anti-GPRC5D Reference Antibody (talquetamab) - Additional Information****Target/Specificity**  
GPRC5D**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.**Conjugation**  
Unconjugated**Expression system**  
CHO Cell**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Anti-GPRC5D Reference Antibody (talquetamab) - Protein Information****Name** GPRC5D**Function**  
G-protein coupled receptor involved in hair 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

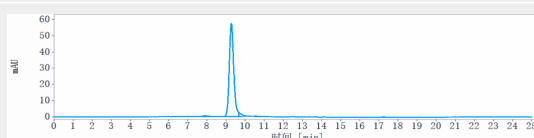
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

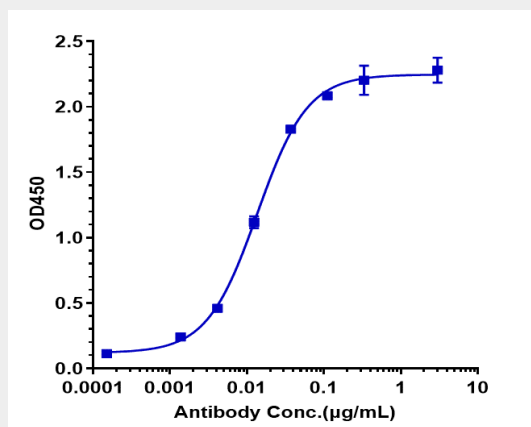
## Anti-GPRC5D Reference Antibody (talquetamab) - Images



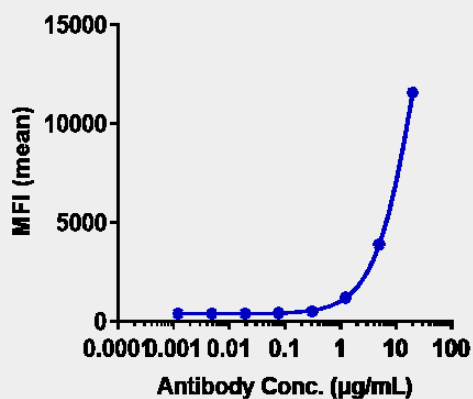
Anti-GPRC5D Reference Antibody (talquetamab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



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  $\mu\text{g/mL}$  can bind Anti-GPRC5D Reference Antibody (talquetamab)  $\square$   $\text{EC}_{50}=0.01357 \mu\text{g/mL}$



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,  $\text{EC}_{196}=25.06 \mu\text{g/mL}$