

PRODUCT INFORMATION

Common Name	MCARH109
Conjugate	Unconjugated
Synonyms	GPRC5D
Applications	ELISA, Flow Cyt
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Recommended Dilutions	ELISA 1:5000-10000, Flow Cyt 1:100
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Host Species	Humanized
IgG type	Human IgG1 - kappa
Reactivity	Human
Target	GPRC5D
Uniprot ID	Q9NZD1
Description	Anti-GPRC5D(MCARH109 biosimilar) mAb
Delivery	In Stock
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). Lyophilized antibodies are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



Anti-GPRC5D(MCARH109 biosimilar) mAb ELISA

0.2 µg of Human GPRC5D, mFc tagged protein per well

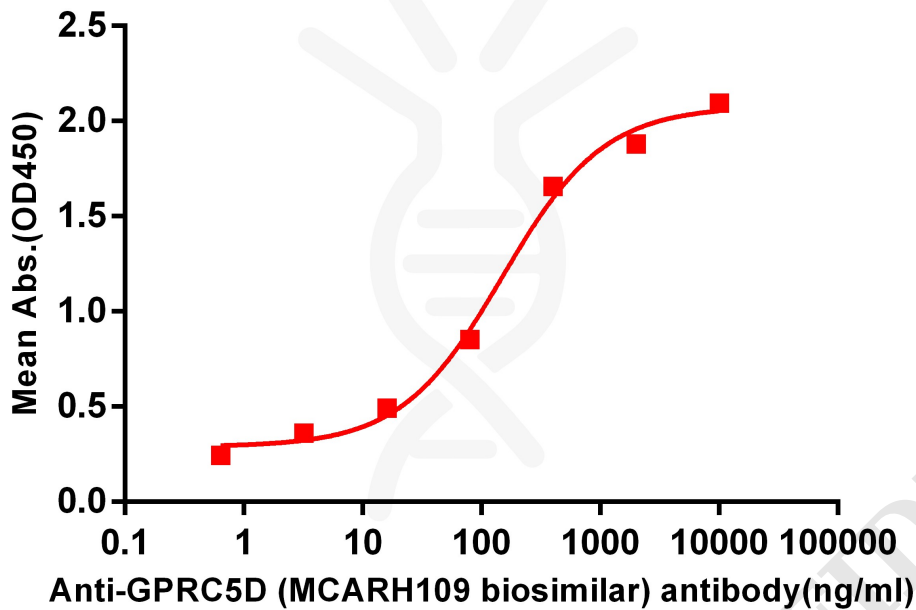


Figure 1. ELISA plate pre-coated by 5 µg/mL (100 µL/well) Human GPRC5D Protein, mFc Tag (PME100559) can bind Anti-GPRC5D(MCARH109 biosimilar) mAb (BME100265) in a linear range of 16-2000 ng/mL.

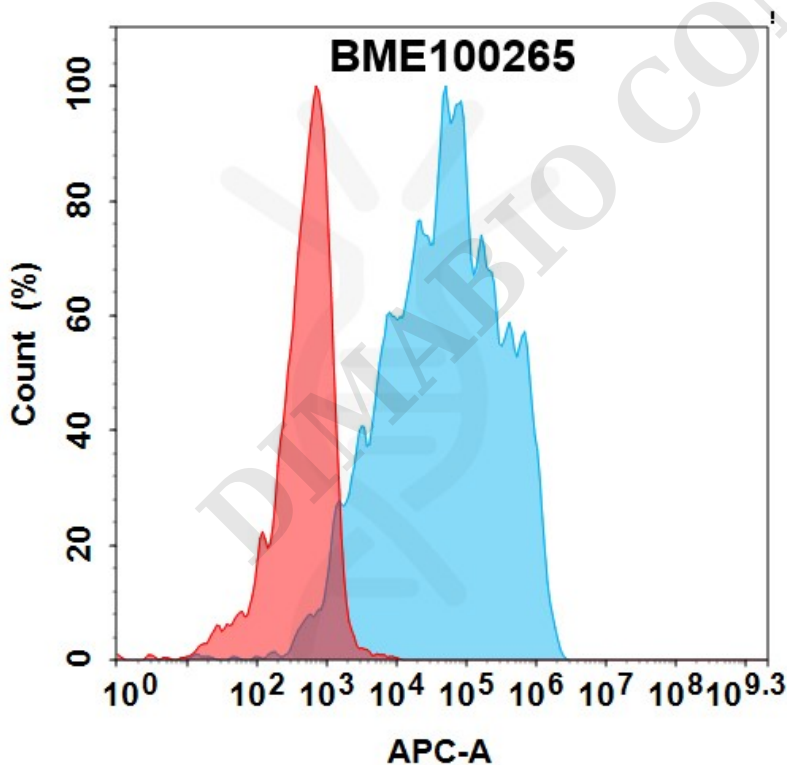


Figure 2. Flow cytometry analysis with 1 µg/mL Anti-GPRC5D(MCARH109 biosimilar) mAb (BME100265) on HEK293 cells transfected with Human GPRC5D protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

