

PRODUCT INFORMATION

Common Name	LBL-034
Synonyms	GPRC5D; CD3
Applications	ELISA, Flow Cyt
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	IgG1
Reactivity	Human
Target	GPRC5D and CD3
Uniprot ID	Q9NZD1 and P07766
Description	Anti-GPRC5D and CD3(LBL-034 biosimilar) BsAb
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.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only

DIMA BIO PHARMACEUTICAL



Anti-GPRC5D and CD3(LBL-034 biosimilar) BsAb ELISA

0.2 μg of Human GPRC5D, mFc tagged protein per well

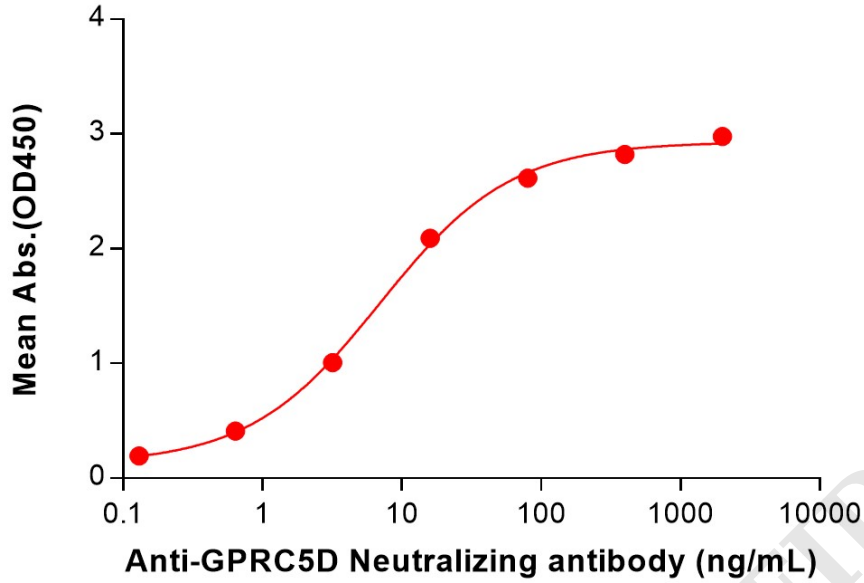


Figure 1. ELISA plate pre-coated by 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) Human GPRC5D Protein, mFc Tag (PME100559) can bind Anti-GPRC5D and CD3(LBL-034 biosimilar) BsAb (BME100196) in a linear range of 0.64–80 ng/mL.

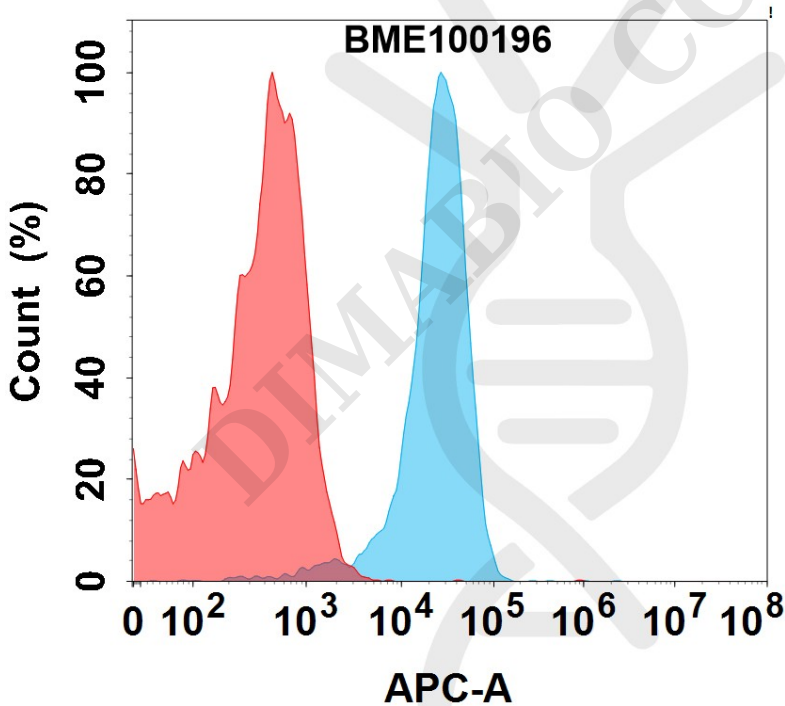


Figure 2. Flow cytometry analysis with 1 $\mu\text{g}/\text{mL}$ Anti-GPRC5D and CD3(LBL-034 biosimilar) BsAb (BME100196) on K562-GPRC5D cells (Blue histogram) or isotype control bsAb on K562 cells (Red histogram).

