

**PRODUCT INFORMATION**

<b>Uniprot ID</b>	Q9NZD1
<b>Common Name</b>	LM305
<b>Synonyms</b>	GPRC5D
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Formulation &amp; Reconstitution</b>	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.
<b>Host Species</b>	Humanized
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	GPRC5D
<b>Description</b>	Anti-GPRC5D(LM305 biosimilar) mAb
<b>Delivery</b>	In Stock
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

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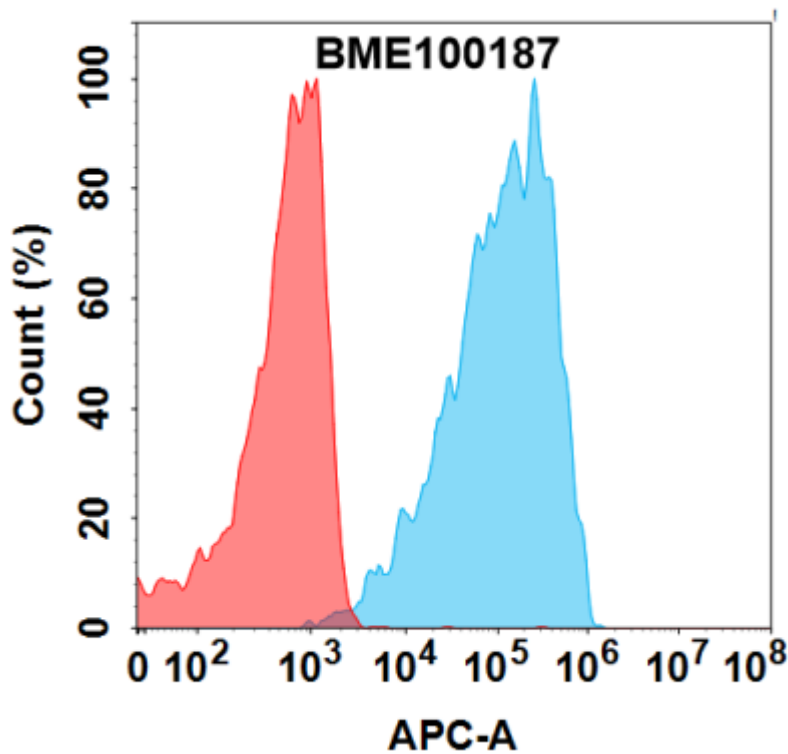


Figure 1. Flow cytometry analysis with 1 $\mu$ g/mL Anti-GPRC5D(LM305 biosimilar) mAb (BME100187) on Expi293 cells transfected with Human GPRC5D protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

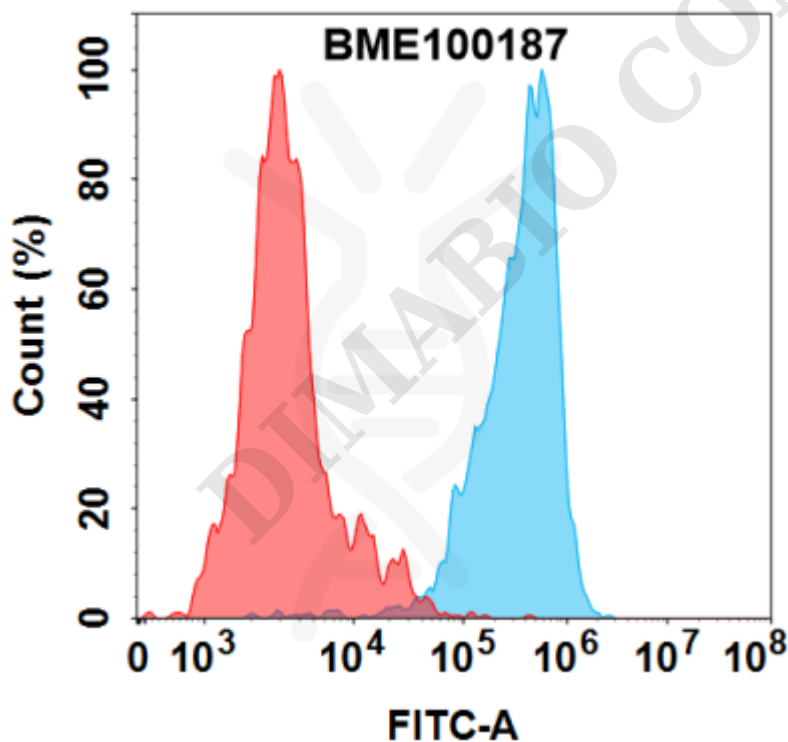


Figure 2. GPRC5D protein is highly expressed on the surface of K562-GPRC5D cell membrane. Flow cytometry analysis with 1  $\mu$ g/mL Anti-GPRC5D(LM305 biosimilar) mAb (BME100187) on K562-GPRC5D cells (Blue histogram) or isotype control mAb (Red histogram) on K562 cells.

