

**PRODUCT INFORMATION**

<b>Common Name</b>	3G3, IMC-3G3, IMC3G3, LY3012207
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	platelet-derived growth factor receptor alpha subunit, PDGFR2, CD140a
<b>Applications</b>	ELISA, Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000, 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 of reconstitution.
<b>Host Species</b>	Homo sapiens
<b>IgG type</b>	Human IgG1(K214R) - kappa
<b>Reactivity</b>	Human
<b>Target</b>	PDGFR $\alpha$
<b>Uniprot ID</b>	P16234
<b>Description</b>	Anti-PDGFR $\alpha$ (olaratumab 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



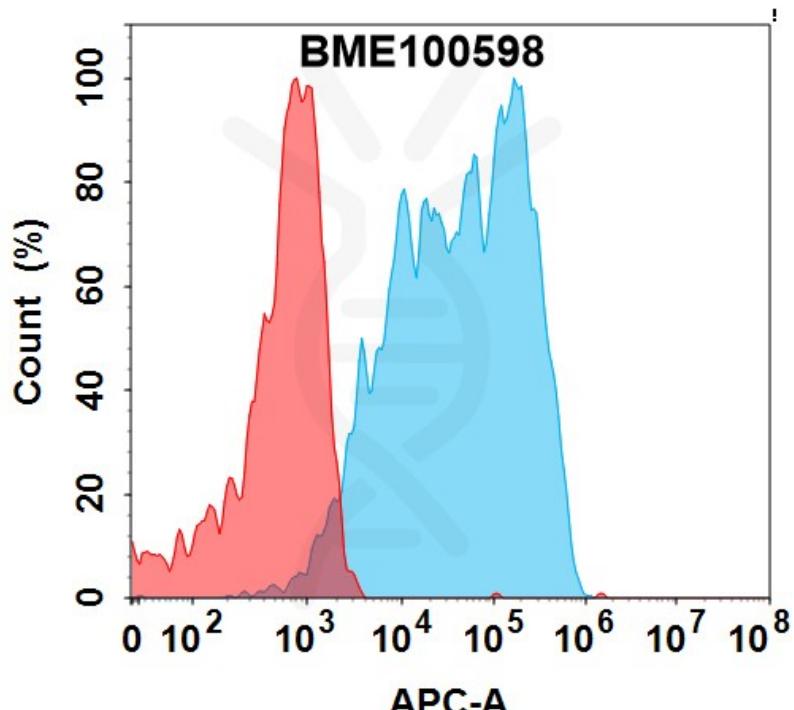


Figure 1. Flow cytometry analysis with 1  $\mu$ g/mL Anti-PDGFR $\alpha$ (olaratumab biosimilar) mAb (BME100598) on HEK293 cells transfected with Human PDGFRA protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

### Anti-PDGFR $\alpha$ (olaratumab biosimilar) mAb ELISA

0.2  $\mu$ g of Human PDGFRA, His tagged protein per well

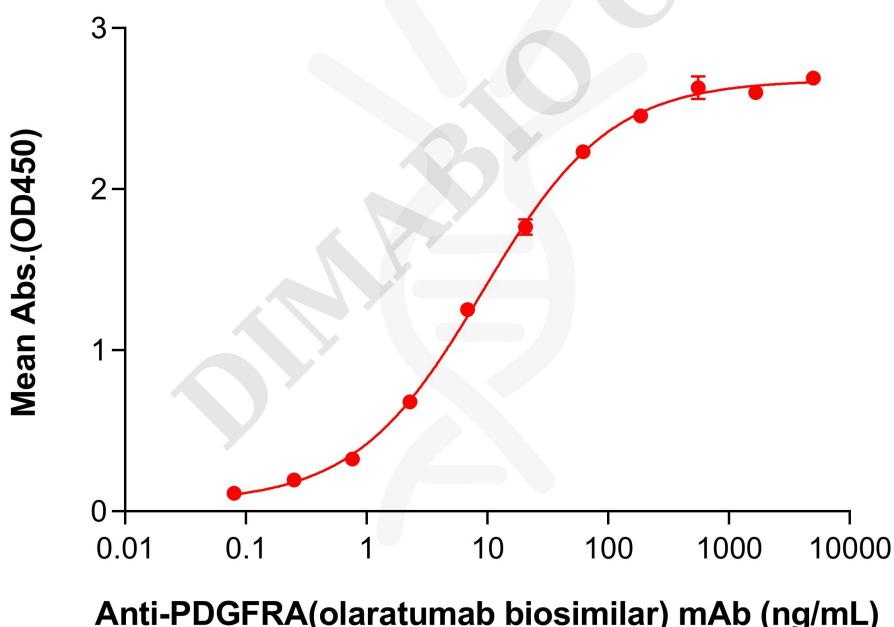


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human PDGFRA Protein, His Tag (PME101358) can bind Anti-PDGFR $\alpha$ (olaratumab biosimilar) mAb (BME100598) in a linear range of 0.76-61.73 ng/mL.

