

## PRODUCT INFORMATION

<b>Common Name</b>	RO4858696-000,teprotumumab-trbw
<b>Synonyms</b>	CD221, IGFIR, IGFR, JTK13
<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>	Homo sapiens
<b>IgG type</b>	IgG1(E239D, M241L)
<b>Reactivity</b>	Human
<b>Target</b>	IGF-1R
<b>Uniprot ID</b>	P08069
<b>Description</b>	Anti-IGF-1R(teprotumumab 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. IGF-1R protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1µg/mL Anti-IGF-1R(teprotumumab biosimilar) mAb (BME100174) on Expi293 cells transfected with human IGF-1R (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram),and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).



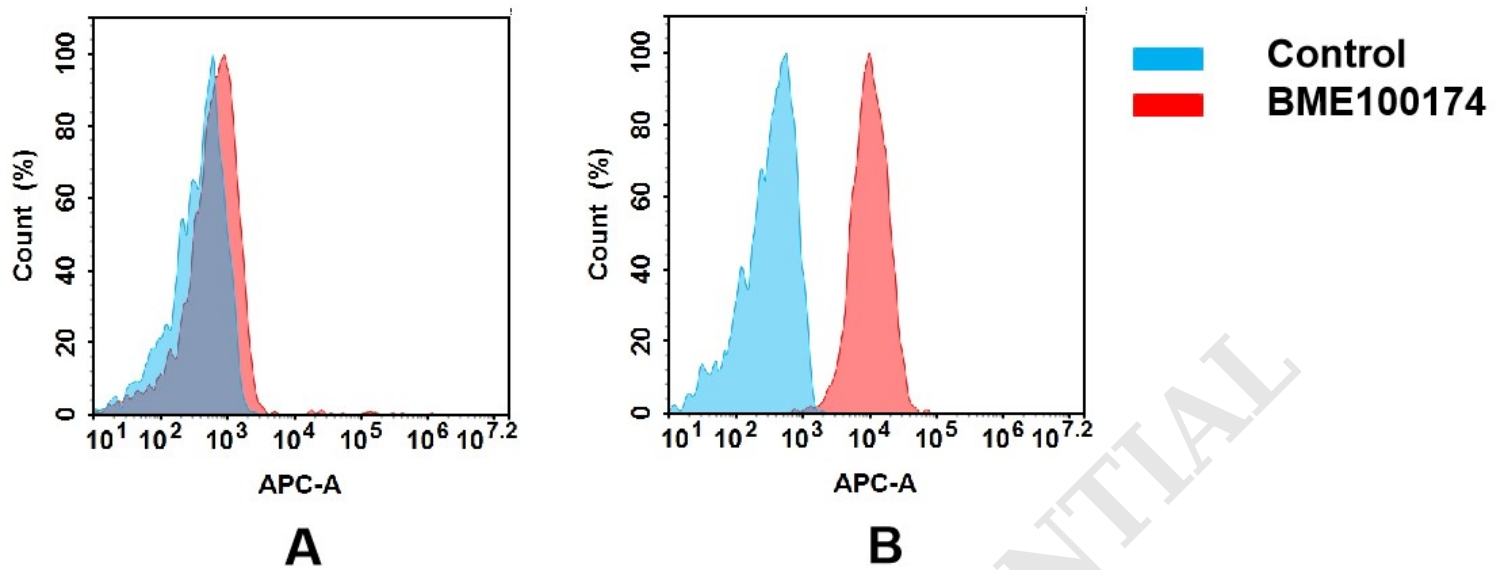


Figure 2. Flow cytometry analysis of antigen binding of anti-human IGF-1R mAb(BME100174).

(A) BME100174 does not bind to Jurkat cells that do not express IGF-1R.

(B) A clear peak shift of BME100174 was seen compared to the control when incubated with IGF-1R-expressing Hela cells, indicating strong binding of BME100174 to IGF-1R. Antibodies were incubated at 5  $\mu\text{g}/\text{mL}$ .

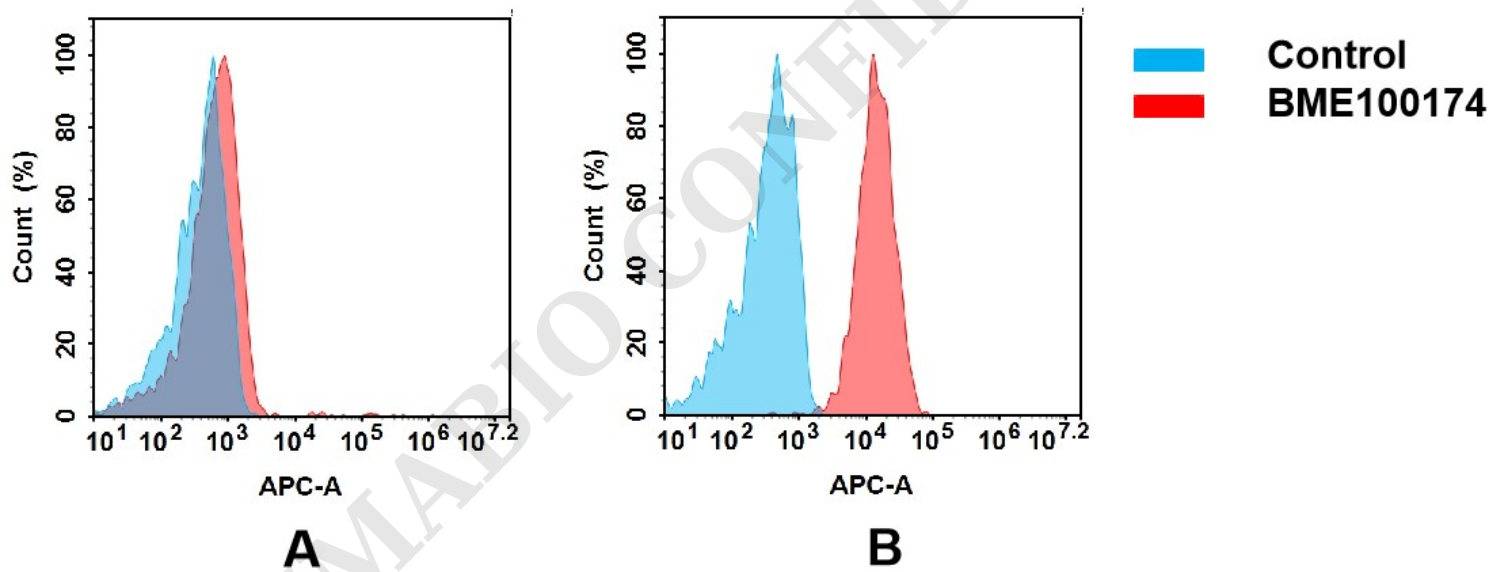


Figure 3. Flow cytometry analysis of antigen binding of anti-human IGF-1R mAb(BME100174).

(A) BME100174 does not bind to Jurkat cells that do not express IGF-1R.

(B) A clear peak shift of BME100174 was seen compared to the control when incubated with IGF-1R-expressing MCF-7 cells, indicating strong binding of BME100174 to IGF-1R. Antibodies were incubated at 5  $\mu\text{g}/\text{mL}$ .

