PRODUCT INFORMATION

Common Name	RO4858696-000,teprotumumab-trbw
Conjugate	Unconjugated
Synonyms	CD221, IGFIR, IGFR, JTK13
Applications	Flow Cyt
Recommended Dilutions	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.
Host Species	Homo sapiens
IgG type	IgG1(E239D, M241L)
Reactivity	Human
Target	IGF-1R
Uniprot ID	P08069
Description	Anti-IGF-1R(teprotumumab 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.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.

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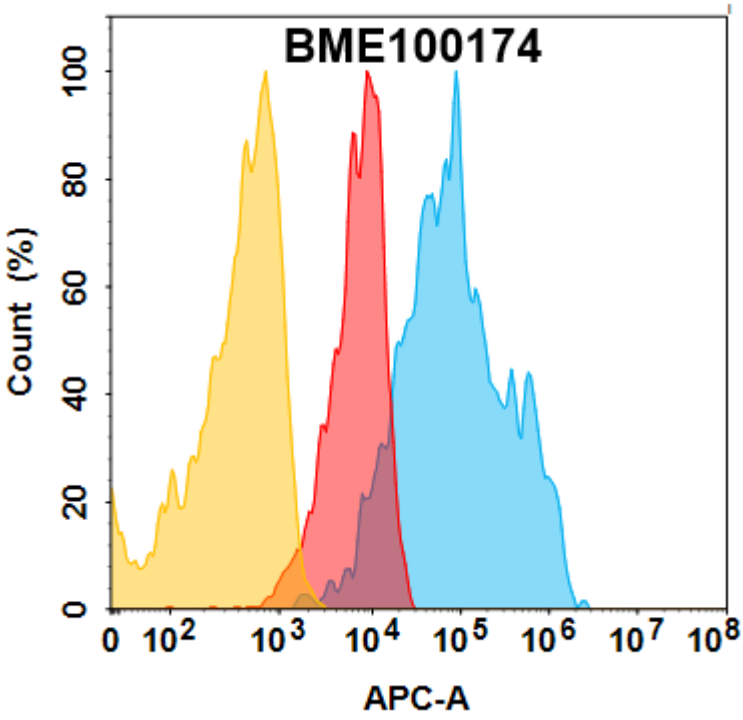

Figure 1. IGF-1R protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1μg/mL Anti-IGF-1R(teprotumumab biosimilar) mAb (BME100174) on Expi293 cells transfected with human IGF-1R (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram),and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

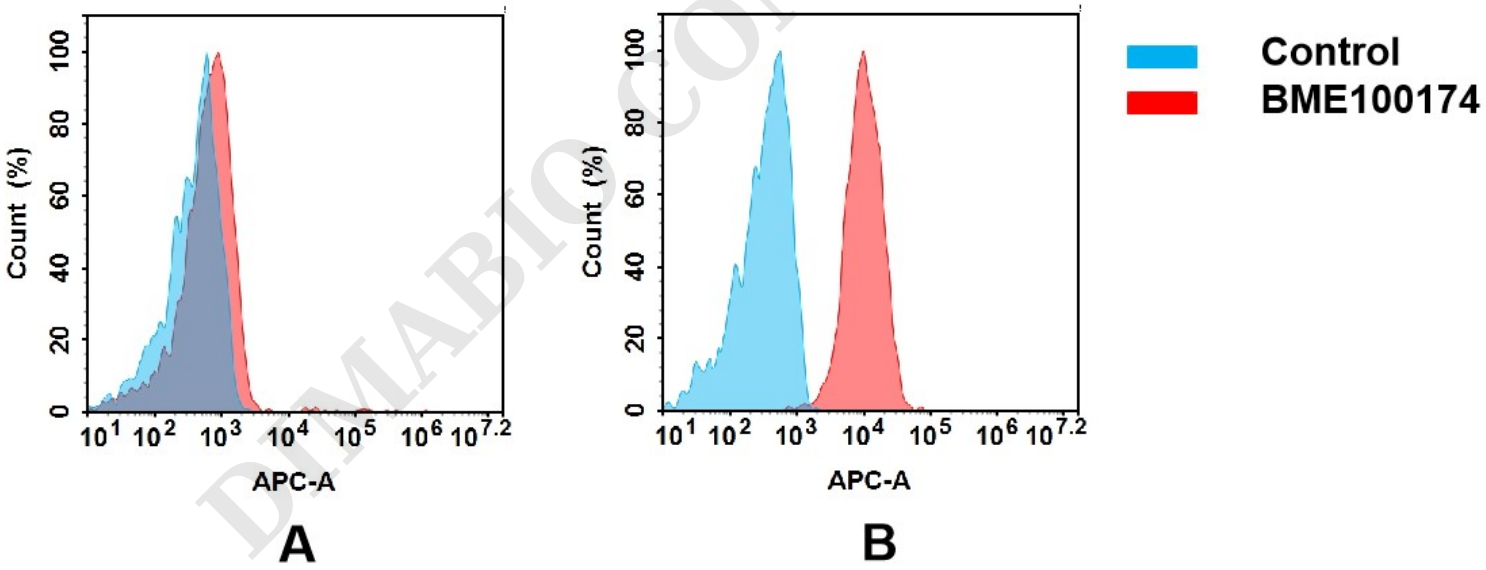

Figure 2. Flow cytometry analysis of antigen binding of anti-human IGF-1R mAb(BME100174).
(A) BME100174 does not bind to Jurkat cells that do not express IGF-1R.
(B) A clear peak shift of BME100174 was seen compared to the control when incubated with IGF-1R-expressing Hela cells, indicating strong binding of BME100174 to IGF-1R. Antibodies were incubated at 5 μg/mL.

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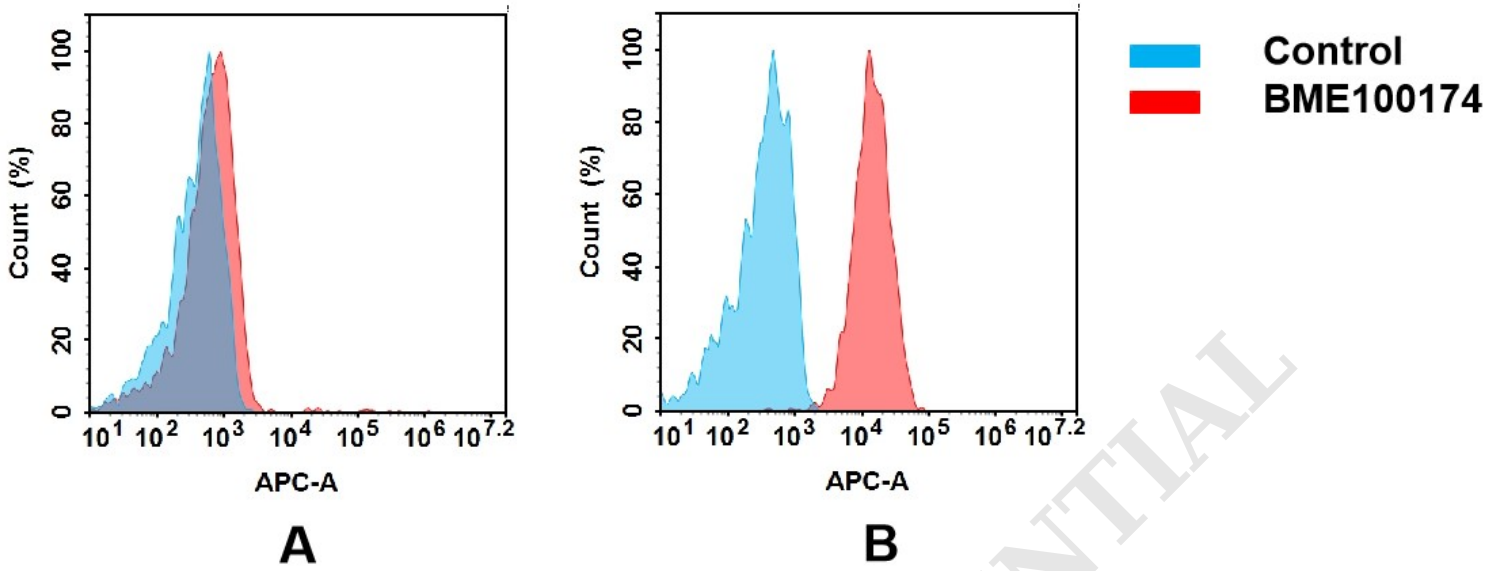

Figure 3. Flow cytometry analysis of antigen binding of anti-human IGF-1R mAb(BME100174).
(A) BME100174 does not bind to Jurkat cells that do not express IGF-1R.
(B) A clear peak shift of BME100174 was seen compared to the control when incubated with IGF-1R-expressing MCF-7 cells, indicating strong binding of BME100174 to IGF-1R. Antibodies were incubated at 5 μg/mL.

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