

Product Datasheet

IGF-1R Biosimilar Antibody (orb1826913)

Catalog Number	orb1826913
Category	Antibodies
Description	Anti-IGF-1R(teprotumumab biosimilar) mAb
Target	IGF-1R
Clonality	Monoclonal
Species/Host	Human
Isotype	Human IgG1(E356D,M358L) - kappa
Conjugation	Unconjugated
Reactivity	Human
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.
Purification	Purified from cell culture supernatant by affinity chromatography
UniProt ID	P08069
Tested applications	FC
Dilution range	Flow Cyt 1:100
Antibody Type	Biosimilar Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

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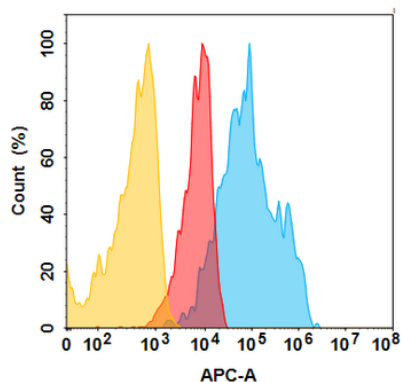
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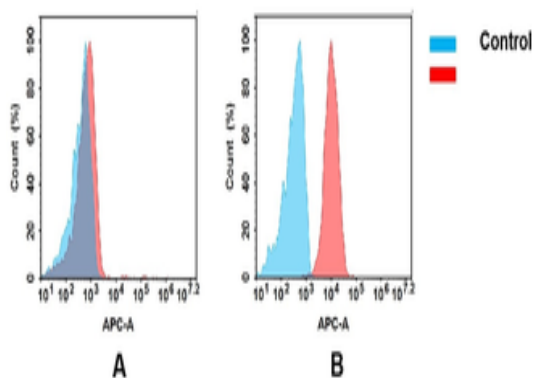
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Note For research use only

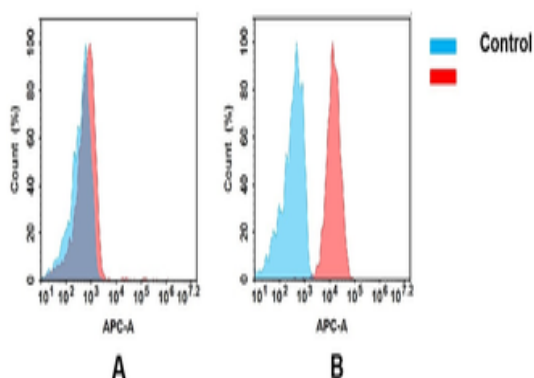
Expiration Date 12 months from date of receipt.



IGF-1R protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1 µg/mL Anti-IGF-1R (teprotumumab biosimilar) mAb (orb1826913) 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).



Flow cytometry analysis of antigen binding of anti-human IGF-1R mAb (orb1826913). (A) orb1826913 does not bind to Jurkat cells that do not express IGF-1R. (B) A clear peak shift of orb1826913 was seen compared to the control when incubated with IGF-1R-expressing Hela cells, indicating strong binding of orb1826913 to IGF-1R. Antibodies were incubated at 5 µg/mL.



Flow cytometry analysis of antigen binding of anti-human IGF-1R mAb (orb1826913). (A) orb1826913 does not bind to Jurkat cells that do not express IGF-1R. (B) A clear peak shift of orb1826913 was seen compared to the control when incubated with IGF-1R-expressing MCF-7 cells, indicating strong binding of orb1826913 to IGF-1R. Antibodies were incubated at 5 µg/mL.

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