

## Product Datasheet

### CXCR4 Biosimilar Antibody (orb1291219)

<b>Catalog Number</b>	orb1291219
<b>Category</b>	Antibodies
<b>Description</b>	Anti-CXCR4(ulocuplumab biosimilar) mAb
<b>Target</b>	CXCR4
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Human
<b>Isotype</b>	Human IgG4 - Kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Powder
<b>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>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>UniProt ID</b>	<b>P61073</b>
<b>Tested applications</b>	FC
<b>Dilution range</b>	Flow Cyt 1:100
<b>Antibody Type</b>	Biosimilar Antibody

**Biorbyt Ltd.**

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**Storage**

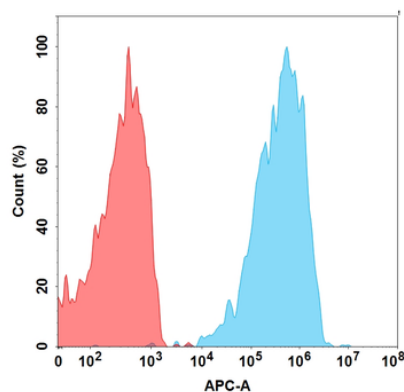
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

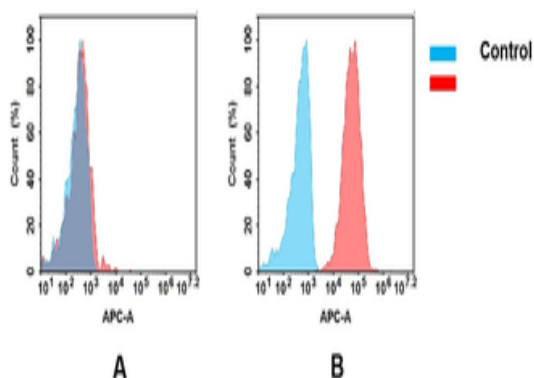
For research use only

**Expiration Date**

12 months from date of receipt.



Flow cytometry analysis with 15 µg/mL Anti-CXCR4 (ulocuplumab biosimilar) mAb (orb1291219) on Expi293 cells transfected with Human CXCR4 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



Flow cytometry analysis of antigen binding of anti-human CXCR4 mAb (orb1291219). (A) orb1291219 does not bind to hepG2 cells that do not express CXCR4. (B) A clear peak shift of orb1291219 was seen compared to the control when incubated with CXCR4-expressing Hela cells, indicating strong binding of orb1291219 to CXCR4. Antibodies were incubated at 5 µg/mL.

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