

## Product Datasheet

### CD19 Biosimilar Antibody (orb1291224)

<b>Catalog Number</b>	orb1291224
<b>Category</b>	Antibodies
<b>Description</b>	Anti-CD19 (FMC63 biosimilar) mAb
<b>Target</b>	CD19
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a - 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>P15391</b>
<b>Tested applications</b>	ELISA, FC
<b>Dilution range</b>	ELISA 1:5000-10000, Flow Cyt 1:100
<b>Antibody Type</b>	Biosimilar Antibody

#### Biorbyt Ltd.

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

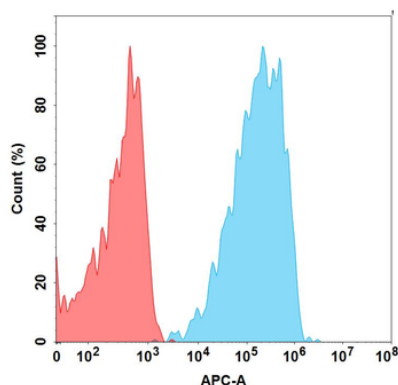
#### Biorbyt LLC

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

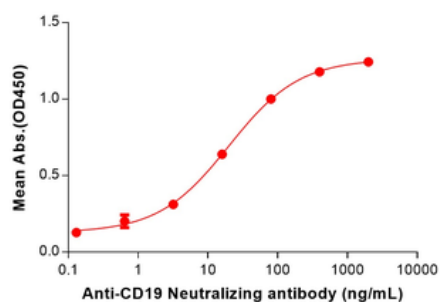
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Flow cytometry analysis with 1 µg/mL Anti-CD19 mAb (orb1291224) on Expi293 cells transfected with Human CD19 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

**Anti-CD19(FMC63 biosimilar) mAb ELISA**

0.2 µg of Human CD19(M75I,L82V,F83L), hFc tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD19 (M75I, L82V, F83L) Protein, hFc Tag (orb2321322) can bind Anti-CD19 (FMC63 biosimilar) mAb (orb1291224) in a linear range of 3.20–400 ng/ml.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

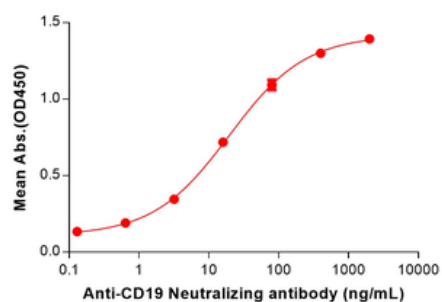
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

**Anti-CD19(FMC63 biosimilar) mAb ELISA**

0.2 µg of Human CD19(M75V,R76S,F85S), hFc tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD19 (M75V, R76S, F85S) Protein, hFc Tag (orb2321321) can bind Anti-CD19 (FMC63 biosimilar) mAb (orb1291224) in a linear range of 3.20–400 ng/ml.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)