

## 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.**

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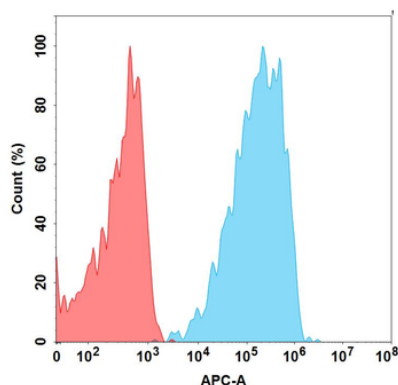
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
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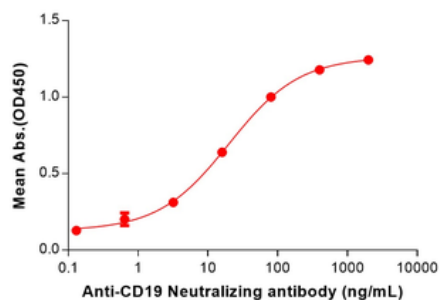
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



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.

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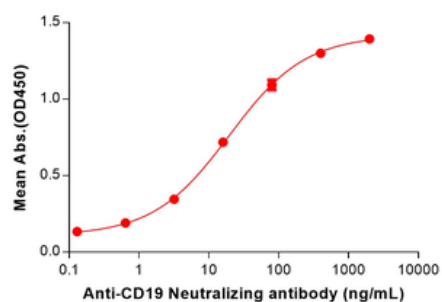
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**Anti-CD19(FMC63 biosimilar) mAb ELISA**

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.

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