

## Product Datasheet

### CD56 Biosimilar Antibody (orb1291218)

<b>Catalog Number</b>	orb1291218
<b>Category</b>	Antibodies
<b>Description</b>	Anti-CD56(lorvotuzumab biosimilar) mAb
<b>Target</b>	CD56
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Human Humanized
<b>Isotype</b>	Human IgG1 - 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>P13591</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

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**Storage**

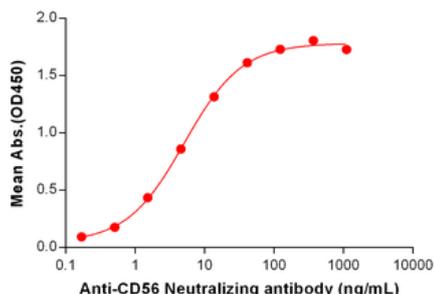
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

For research use only

**Anti-CD56 (Irvotuzumab biosimilar) mAb ELISA**

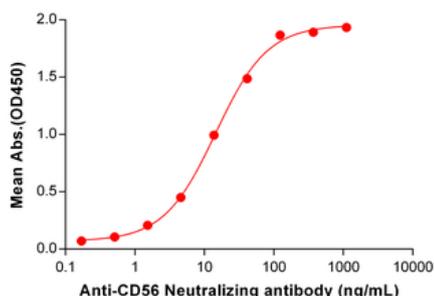
0.2 µg of Human CD56, His tagged protein per well



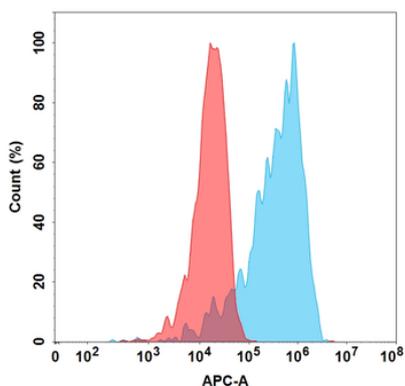
ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD56 Protein, His Tag orb757462 can bind Anti-CD56 Neutralizing antibody (orb1291218) in a linear range of 0.51–41.15 ng/ml.

**Anti-CD56 (Irvotuzumab biosimilar) mAb ELISA**

0.2 µg of Human CD56, hFc tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD56 Protein, hFc Tag (orb757479) can bind Anti-CD56 Neutralizing antibody (orb1291218) in a linear range of 1.52–123.46 ng/ml. In order to specifically detect orb1291218, mouse anti-human Fab-specific antibody was used as detection antibody.



Flow cytometry analysis with 1 µg/mL Anti-CD56 (Irvotuzumab biosimilar) mAb (orb1291218) on Expi293 cells transfected with Human CD56 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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