

Product Datasheet

CD56 Biosimilar Antibody (orb1291218)

Catalog Number	orb1291218
Category	Antibodies
Description	Anti-CD56(lorvotuzumab biosimilar) mAb
Target	CD56
Clonality	Monoclonal
Species/Host	Human Humanized
Isotype	Human IgG1 - kappa
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Powder
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 of reconstitution.
Purification	Purified from cell culture supernatant by affinity chromatography
UniProt ID	P13591
Tested applications	ELISA, FC
Dilution range	ELISA 1:5000-10000; Flow Cyt 1:100
Antibody Type	Biosimilar Antibody

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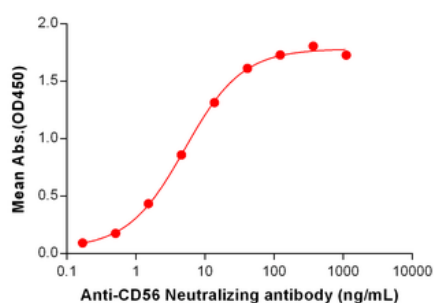
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Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note For research use only

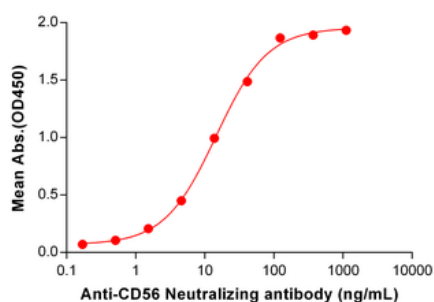
Expiration Date 12 months from date of receipt.

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.

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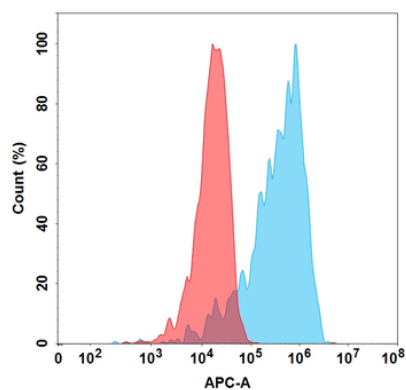
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Flow cytometry analysis with 1 $\mu\text{g}/\text{mL}$ Anti-CD56 (Iorvotuzumab biosimilar) mAb (orb1291218) on Expi293 cells transfected with Human CD56 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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