

## Product Datasheet

### MUC1 Biosimilar Antibody (orb2321722)

<b>Catalog Number</b>	orb2321722
<b>Category</b>	Antibodies
<b>Description</b>	Anti-MUC1(PAb-001 biosimilar) mAb
<b>Target</b>	MUC1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Human Humanized
<b>Isotype</b>	Human IgG1(E356D,M358L) - kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<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>P15941</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
<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.

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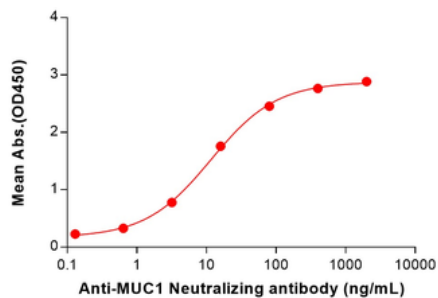
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**Note** For research use only

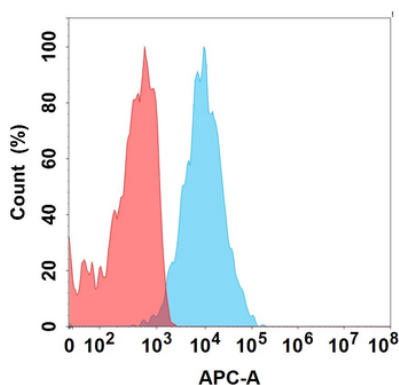
**Expiration Date** 12 months from date of receipt.

**Anti-MUC1(PAb-001 biosimilar) mAb ELISA**

0.2 µg of Human MUC1, His tagged protein per well



ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human MUC1 Protein, His Tag (orb757422) can bind Anti-MUC1 (PAb-001 biosimilar) mAb (orb2321722) in a linear range of 0.64–80 ng/ml.



Flow cytometry analysis with 1 µg/mL Anti-MUC1 (PAb-001 biosimilar) mAb (orb2321722) on Expi293 cells transfected with Human MUC1 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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