

## Product Datasheet

### GPC3 Biosimilar Antibody (orb1291232)

<b>Catalog Number</b>	orb1291232
<b>Category</b>	Antibodies
<b>Description</b>	Anti-GPC3(codrituzumab biosimilar) mAb
<b>Target</b>	GPC3
<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>P51654</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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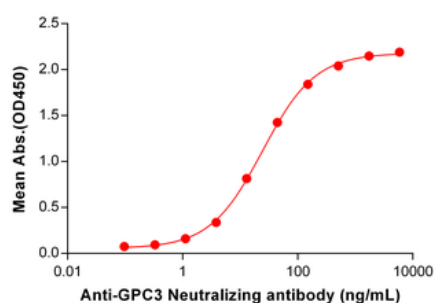
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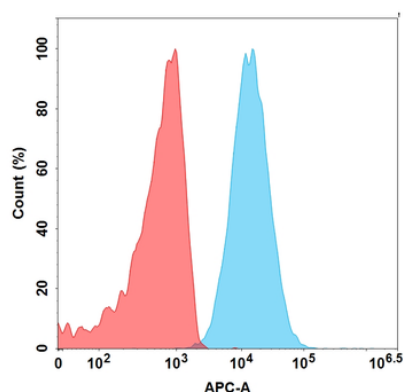
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

**Anti-GPC3 (codrituzumab biosimilar) mAb ELISA**  
0.1 µg of Human GPC3, hFc tagged protein per well



ELISA plate pre-coated by 1 µg/mL (100 µL/well) Human GPC3 Protein, hFc Tag (orb1173938) can bind Anti-GPC3 Neutralizing antibody (orb1291232) in a linear range of 1.12-508.85 ng/ml. In order to specifically detect orb1291232, mouse anti-human Fab-specific antibody was used as detection antibody.



Flow cytometry analysis of Huh-7 cells stained with 1 µg/mL Anti-GPC3 (codrituzumab biosimilar) mAb (orb1291232) (Blue histogram) and unstained Huh-7 cells as a negative control (Red histogram).

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