

## Product Datasheet

### CD27 Biosimilar Antibody (orb689323)

<b>Catalog Number</b>	orb689323
<b>Category</b>	Antibodies
<b>Description</b>	Anti-CD27 (varlilumab biosimilar) mAb
<b>Target</b>	CD27
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Human
<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>P26842</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**

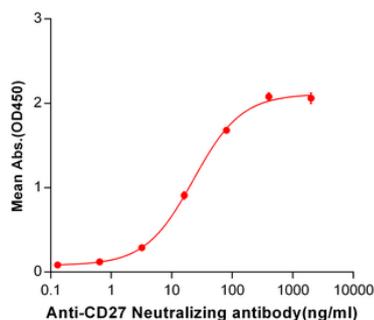
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note**

For research use only

**Human CD27, hFc Tagged protein ELISA**

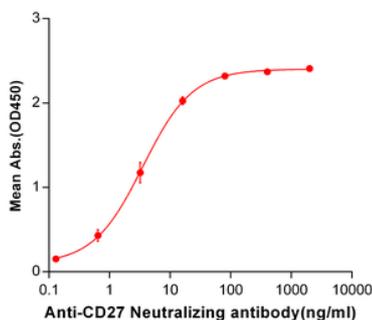
0.2 µg of CD27, hFc Tagged protein per well



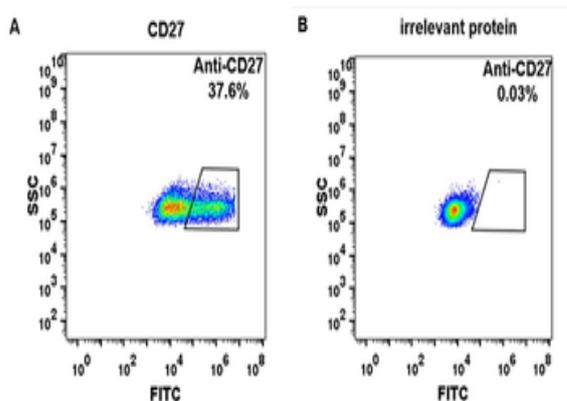
ELISA plate pre-coated by 2 µg/ml (100 µL/well) Human CD27, hFc tagged protein (orb689459) can bind Anti-CD27 Neutralizing antibody in a linear range of 3.2-80.0 ng/ml. In order to specifically detect orb689323, mouse anti-human Fab-specific antibody was used as detection antibody.

**Anti-CD27 (varlilumab biosimilar) mAb ELISA**

0.2 µg of CD27, mFc-His Tagged protein per well



ELISA plate pre-coated by 2 µg/ml (100 µL/well) Human CD27, mFc-His tagged protein orb689374 can bind Anti-CD27 Neutralizing antibody in a linear range of 0.64-16.0 ng/ml.



HEK293 cell line transfected with irrelevant protein (B) and human CD27 protein (A) were surface stained with anti-CD27 neutralizing antibody 1 µg/ml (varlilumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

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