

**PRODUCT INFORMATION**

<b>Common Name</b>	1F5, CDX-1127
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	CD27;TNFRSF7;S152;T14;Tp55
<b>Applications</b>	ELISA; Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 1:100
<b>Formulation &amp; 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>Host Species</b>	Homo sapiens
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	CD27
<b>Uniprot ID</b>	P26842
<b>Description</b>	Anti-CD27 (varlilumab biosimilar) mAb
<b>Delivery</b>	In Stock
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only
<b>DIMA Disclaimer</b>	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.



### Human CD27, hFc Tagged protein ELISA

0.2  $\mu$ g of CD27, hFc Tagged protein per well

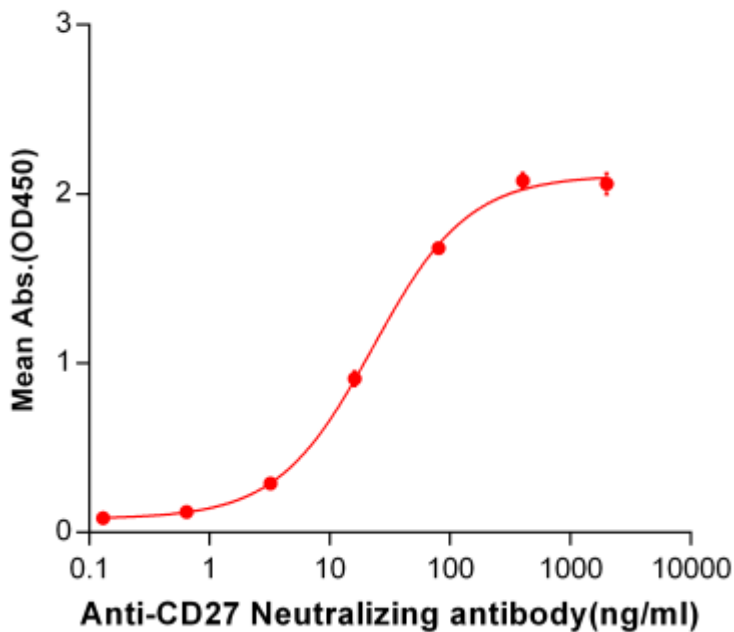


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ L/well) Human CD27, hFc tagged protein (PME100475) can bind Anti-CD27 Neutralizing antibody in a linear range of 3.2-80.0 ng/ml. In order to specifically detect BME100018, mouse anti-human Fab-specific antibody was used as detection antibody.

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

0.2  $\mu$ g of CD27, mFc-His Tagged protein per well

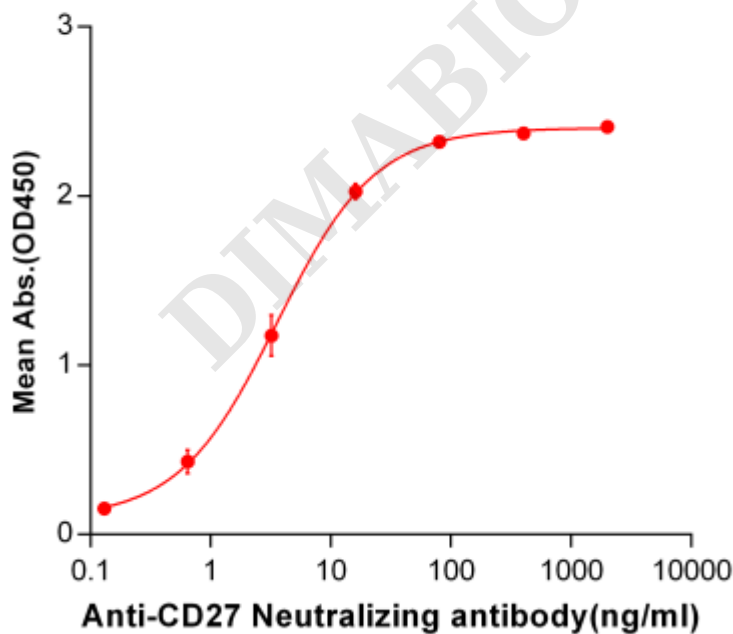
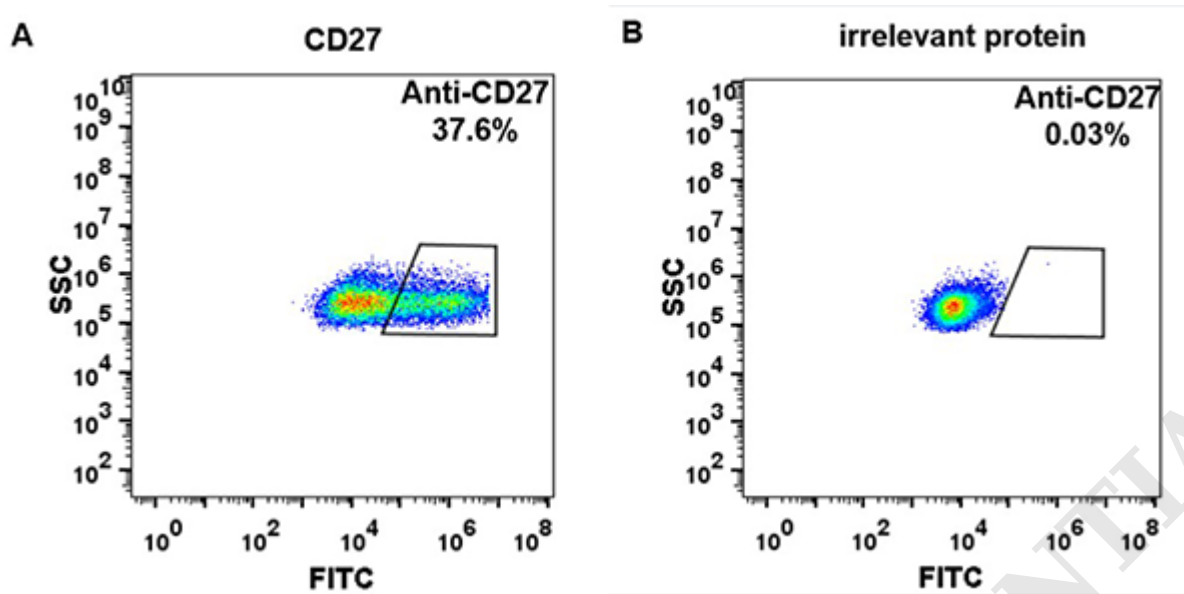


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ L/well) Human CD27, mFc-His tagged protein ([getskuurl sku="PME100013"]) can bind Anti-CD27 Neutralizing antibody in a linear range of 0.64-16.0 ng/ml.





**Figure 3.** HEK293 cell line transfected with irrelevant protein (**B**) and human CD27 protein (**A**) were surface stained with anti-CD27 neutralizing antibody  $1\mu\text{g/ml}$  (varlilumab) followed by Alexa 488-conjugated anti-human IgG secondary antibody.

