

# Product Datasheet

## **CD27 Ligand/TNFSF7/CD70 Antibody - Humanized, (Research Grade cusatuzumab Biosimilar) - Low Endotoxin, Azide and BSA Free NBP3-28627-100ug**

Unit Size: 100 ug

Store at -20C in powder form. Store at -80C once reconstituted.

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**NBP3-28627-100ug**

CD27 Ligand/TNFSF7/CD70 Antibody - Humanized, (Research Grade cusatuzumab Biosimilar) - Low Endotoxin, Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at -20C in powder form. Store at -80C once reconstituted.
<b>Clonality</b>	Monoclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

**Product Description**

<b>Description</b>	<p>The heavy chain type is hulgG1, and the light chain type is hulambda. It has a predicted MW of 145.5 kDa.</p> <p>Also known as 'cusatuzumab'.</p> <p>This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.</p>
<b>Host</b>	Human
<b>Gene ID</b>	970
<b>Gene Symbol</b>	CD70
<b>Species</b>	Human
<b>Immunogen</b>	TNFSF7 / CD27L / CD70
<b>Endotoxin Note</b>	< 0.001EU/ug,determined by LAL method.

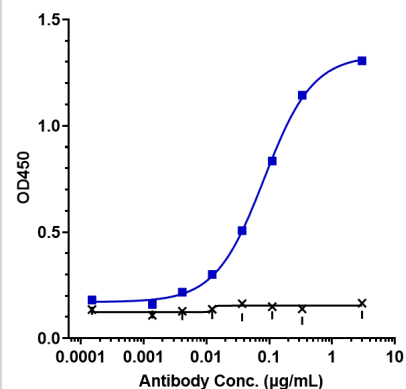
**Product Application Details**

<b>Applications</b>	ELISA, Flow Cytometry, Functional
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Functional

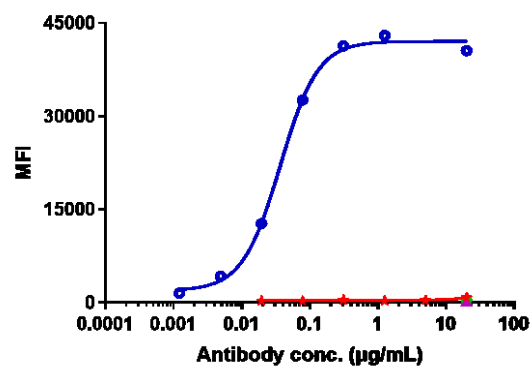


## Images

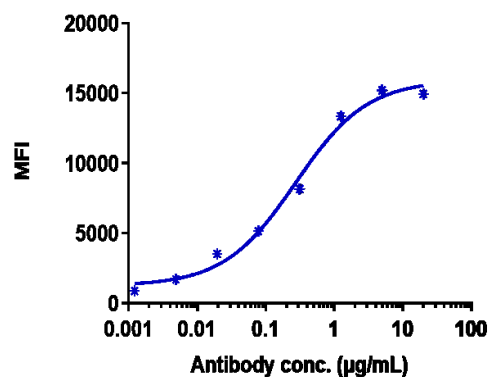
Immobilized human CD70 FC at 4  $\mu\text{g/mL}$  can bind CD27 Ligand/TNFSF7/CD70 Antibody (cusatuzumab) - Humanized,  $\text{EC}_{50}=0.08279 \mu\text{g/mL}$ .



Human TNFSF7 / CD27L / CD70 CHO-K1 Cell Linewere stained with cusatuzumab and negative control protein respectively, washed and then followed by PE and analyzed with FACS,  $\text{EC}_{50}=0.03451 \mu\text{g/mL}$ .



HL-60 cells were stained with CD27 Ligand/TNFSF7/CD70 Antibody (cusatuzumab) - Humanized and negative control protein respectively, washed and then followed by PE and analyzed with FACS,  $\text{EC}_{50}=0.2727 \mu\text{g/mL}$ .





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### **Products Related to NBP3-28627-100ug**

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G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH01P-100	Human IgG1 Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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