

# Anti-TNFSF7 / CD27L / CD70 Reference Antibody (cusatuzumab)

Recombinant Antibody  
Catalog # APR10073

## Product Information

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<b>Application</b>	FC, Kinetics, Animal Model
<b>Primary Accession</b>	<a href="#">P32970</a>
<b>Reactivity</b>	Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	21118

## Additional Information

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<b>Target/Specificity</b>	TNFSF7 / CD27L / CD70
<b>Endotoxin Conjugation</b>	Unconjugated
<b>Expression system</b>	CHO Cell
<b>Format</b>	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

## Protein Information

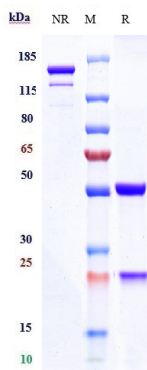
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<b>Name</b>	CD70 ( <a href="#">HGNC:11937</a> )
<b>Function</b>	Expressed at the plasma membrane of B cells, it is the ligand of the CD27 receptor which is specifically expressed at the surface of T cells (PubMed: <a href="#">28011863</a> , PubMed: <a href="#">28011864</a> , PubMed: <a href="#">8387892</a> ). The CD70- CD27 signaling pathway mediates antigen-specific T cell activation and expansion which in turn provides immune surveillance of B cells (PubMed: <a href="#">28011863</a> , PubMed: <a href="#">28011864</a> ).
<b>Cellular Location</b>	Cell membrane; Single-pass type II membrane protein

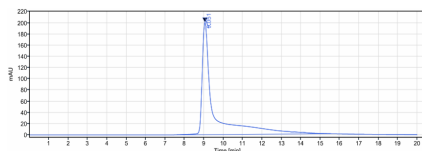
## Images

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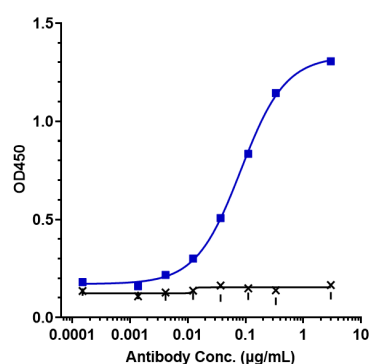
Anti-TNFSF7 / CD27L / CD70 Reference Antibody  
(cusatuzumab) on SDS-PAGE under reducing (R)  
condition. The gel was stained with Coomassie Blue. The



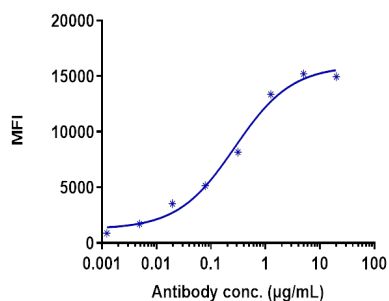
purity of the protein is greater than 95%



The purity of Anti-TNFSF7 / CD27L / CD70 Reference Antibody (cusatuzumab) is more than 95% ,determined by SEC-HPLC.



Immobilized human CD70 FC at 4 µg/mL can bind Anti-TNFSF7 / CD27L / CD70 Reference Antibody (cusatuzumab), EC<sub>50</sub>=0.08279 µg/mL



HL-60 cells were stained with Anti-TNFSF7 / CD27L / CD70 Reference Antibody (cusatuzumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC<sub>125</sub>=0.2727 µg/mL

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.