

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

Recombinant Antibody
Catalog # APR10073

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P32970
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	21118

Additional Information

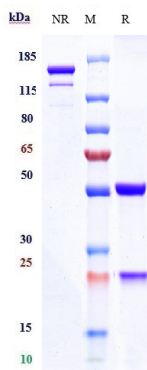
Target/Specificity	TNFSF7 / CD27L / CD70
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Protein Information

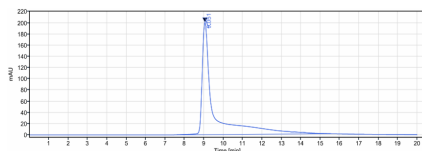
Name	CD70 (HGNC:11937)
Function	Expressed at the plasma membrane of B cells, it is the ligand of the CD27 receptor which is specifically expressed at the surface of T cells (PubMed: 28011863 , PubMed: 28011864 , PubMed: 8387892). The CD70- CD27 signaling pathway mediates antigen-specific T cell activation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

Images

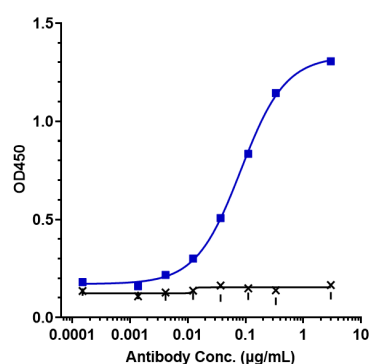
Anti-TNFSF7 / CD27L / CD70 Reference Antibody
(cusatuzumab) on SDS-PAGE under reducing (R)
condition. The gel was stained with Coomassie Blue. The



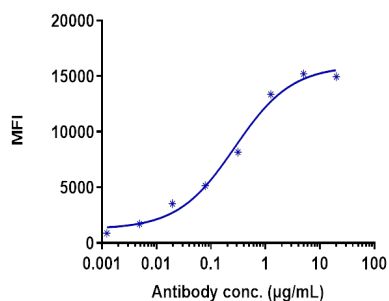
purity of the protein is greater than 95%



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), EC₅₀=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, EC₁₂₅=0.2727 µg/mL

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