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Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab)

Recombinant Antibody
Catalog # APR10028

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P25942
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4PE
Calculated MW	30619

Additional Information

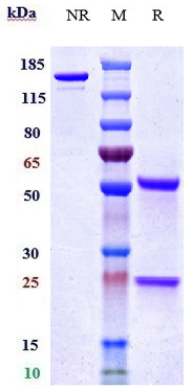
Target/Specificity	TNFRSF5 / CD40
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

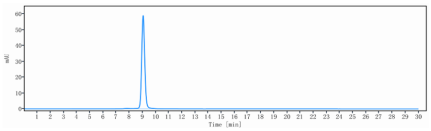
Protein Information

Name	CD40
Synonyms	TNFRSF5
Function	Receptor for TNFSF5/CD40LG (PubMed: 31331973). Transduces TRAF6- and MAP3K8-mediated signals that activate ERK in macrophages and B cells, leading to induction of immunoglobulin secretion (By similarity).
Cellular Location	[Isoform I]: Cell membrane; Single-pass type I membrane protein
Tissue Location	B-cells and in primary carcinomas.

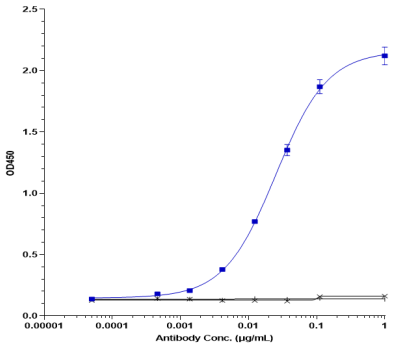
Images

Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

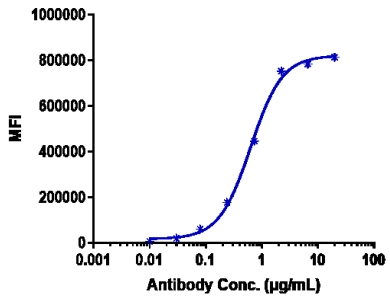




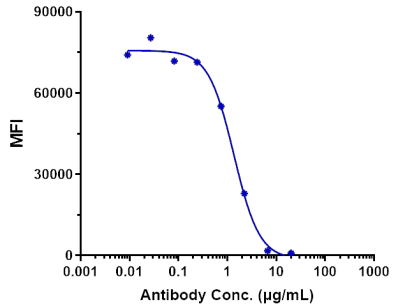
The purity of Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) is 99.21%, determined by SEC-HPLC.



Immobilized human TNFRSF5 / CD40 His at 2 ug/mL can bind Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab), EC50=0.0252 ug/mL.



Human CD40 CHO cells were stained with Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.6311 ug/mL.



Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) FACS Blocking was evaluated using CCRF-CEM. The IC50 was approximately 1.359 ug/mL.

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