

Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab)
Recombinant Antibody
Catalog # APR10028

Specification

Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) - Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P25942
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4PE
Calculated MW	150 KDa

Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) - Additional Information

Target/Specificity
TNFRSF5 / CD40

Endotoxin
< 0.001EU/ µg,determined by LAL method.

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.

Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) - Protein Information

Name CD40

Synonyms TNFRSF5

Function
Receptor for TNFSF5/CD40LG (PubMed:[31331973](http://www.uniprot.org/citations/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

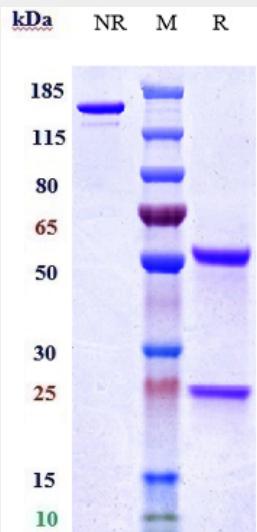
Tissue Location
B-cells and in primary carcinomas.

Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) - Protocols

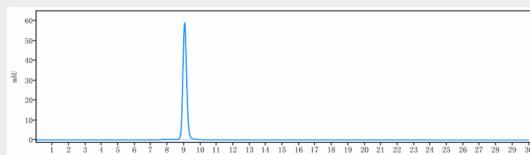
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

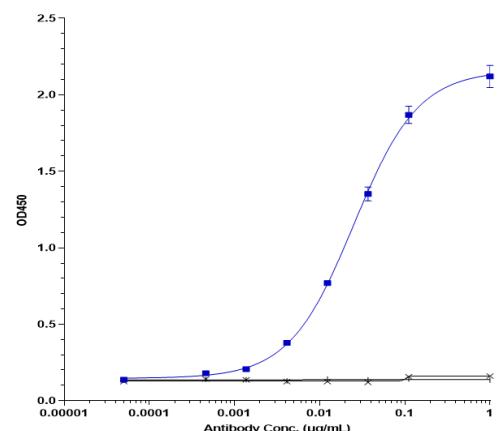
Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) - Images



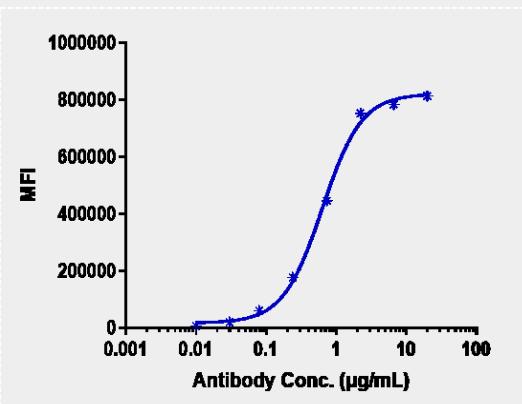
Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



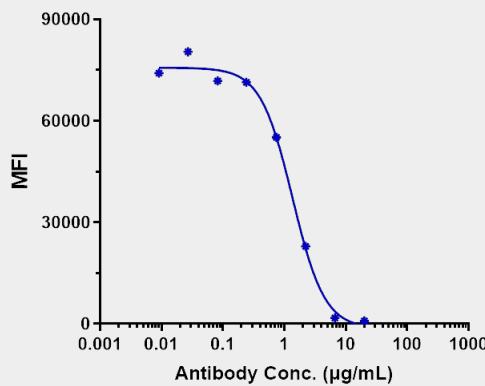
The purity of Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) is more than 99.21%, determined by SEC-HPLC.



Immobilized human TNFRSF5 / CD40 His at 2 μ g/mL can bind Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) EC50=0.0252 μ g/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, EC77=0.6311 μ g/mL



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