

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

Specification

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

Application	FC, E, FTA
Primary Accession	P25942
Reactivity	Cynomolgus, Human
Clonality	Monoclonal
Isotype	IgG4PE
Calculated MW	150 KDa

Anti-TNFRSF5 / CD40 Reference Antibody (bleseelumab) - 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.

Storage
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

Anti-TNFRSF5 / CD40 Reference Antibody (bleseelumab) - 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

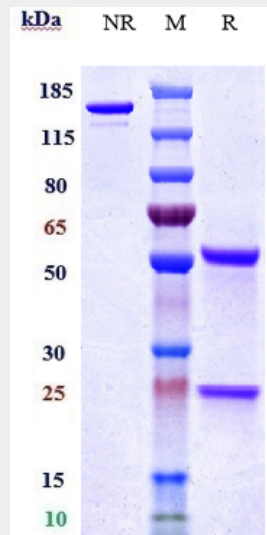
Tissue Location

B-cells and in primary carcinomas.

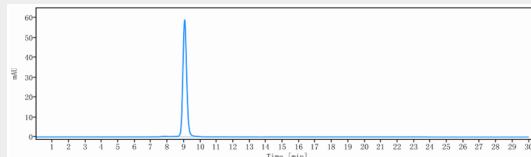
Anti-TNFRSF5 / CD40 Reference Antibody (bleseelumab) - Protocols

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

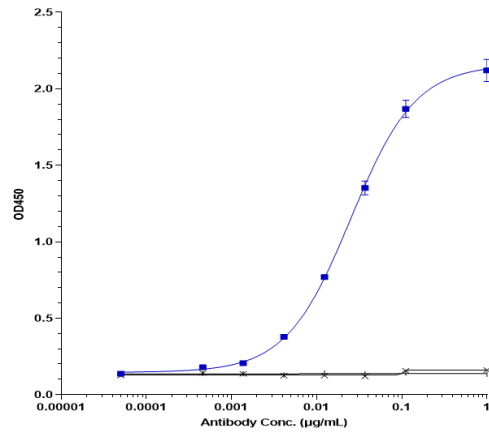
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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

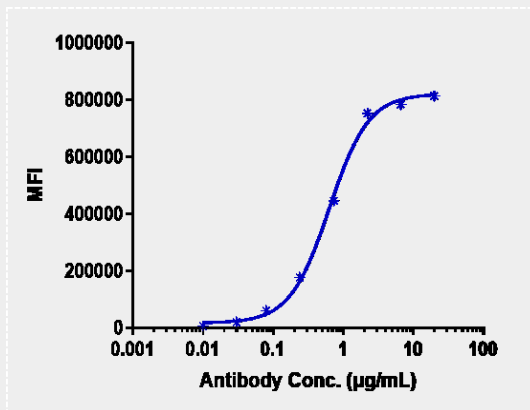
Anti-TNFRSF5 / CD40 Reference Antibody (bleseelumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



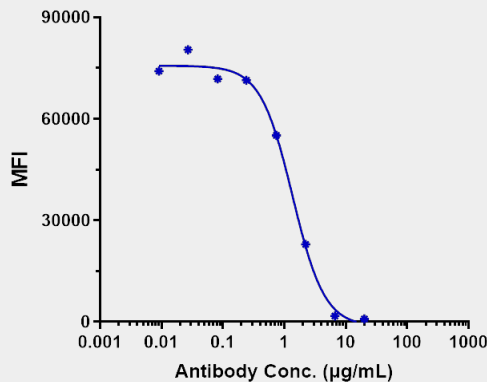
The purity of Anti-TNFRSF5 / CD40 Reference Antibody (bleseelumab) is more than 99.21%, determined by SEC-HPLC.



Immobilized human TNFRSF5 / CD40 His at 2 µg/mL can bind Anti-TNFRSF5 / CD40 Reference Antibody (bleseelumab) $EC_{50}=0.0252 \mu\text{g/mL}$.



Human CD40 CHO cells were stained with Anti-TNFRSF5 / CD40 Reference Antibody (bleseelumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, $EC_{77}=0.6311 \mu\text{g/mL}$



Anti-TNFRSF5 / CD40 Reference Antibody (bleseelumab) FACS Blocking was evaluated using CCRF-CEM. The IC_{50} was approximately 1.359 µg/mL.