

## 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
Reactivity
Human
Clonality
Monoclonal
Isotype
Calculated MW
P25942
Human
Monoclonal
IgG4PE
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:<a href="http://www.uniprot.org/citations/31331973" target="\_blank">31331973</a>). 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.

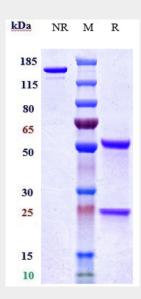


## Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) - Protocols

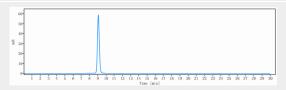
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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

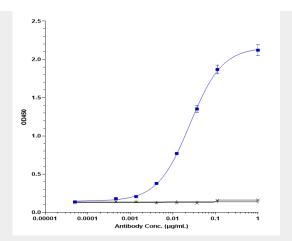


Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

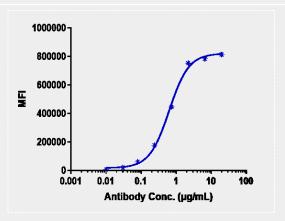


The purity of Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab)is more than 99.21% ,determined by SEC-HPLC.

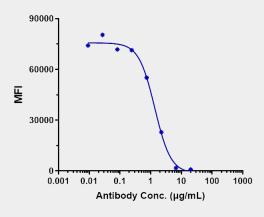




Immobilized human TNFRSF5 / CD40 His at 2  $\mu$ g/mL can bind Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) $\square$ EC50=0.0252  $\mu$ g/mL.



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 ug/mL



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