

**Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab)  
Recombinant Antibody  
Catalog # APR10027**

**Specification**

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**Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P25942</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

**Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) - 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 (dacetuzumab) - 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

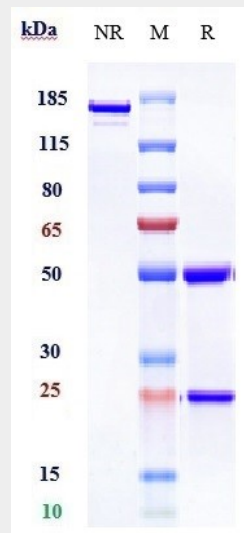
**Tissue Location**

B-cells and in primary carcinomas.

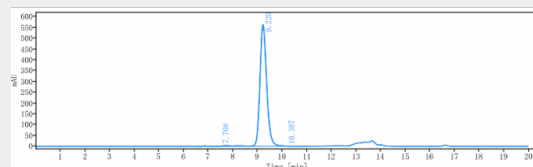
**Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) - Protocols**

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

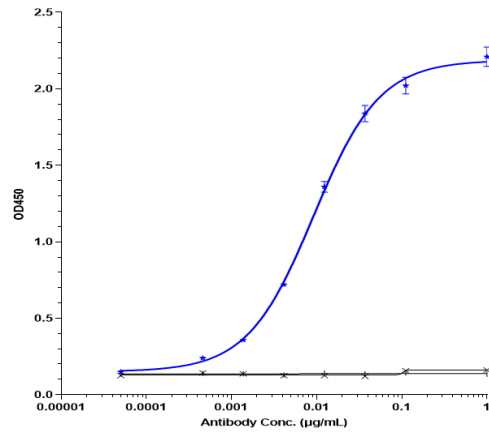
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

**Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) - Images**

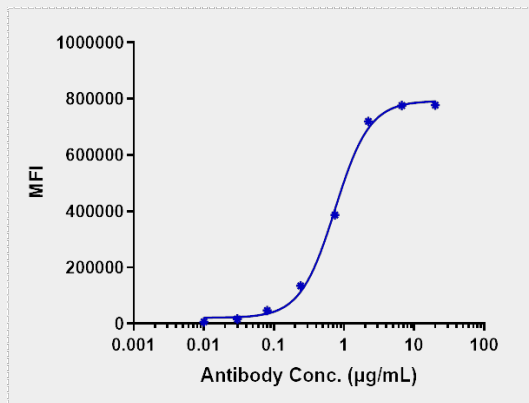
Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) is more than 95%, determined by SEC-HPLC.



Immobilized human TNFRSF5 / CD40 His at 2 µg/mL can bind Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab)  $EC_{50}=0.0092 \mu\text{g/mL}$ .



Human CD40 CHO cells were stained with Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS,  $EC_{76}=0.7412 \mu\text{g/mL}$