

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

Specification

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

Application	FC, E, FTA
Primary Accession	P25942
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.

Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) - 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

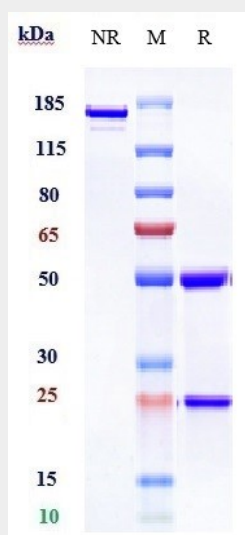
Tissue Location
B-cells and in primary carcinomas.

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

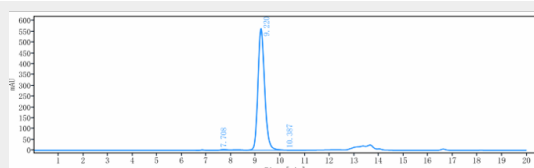
Provided below are standard protocols that you may find useful for product applications.

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

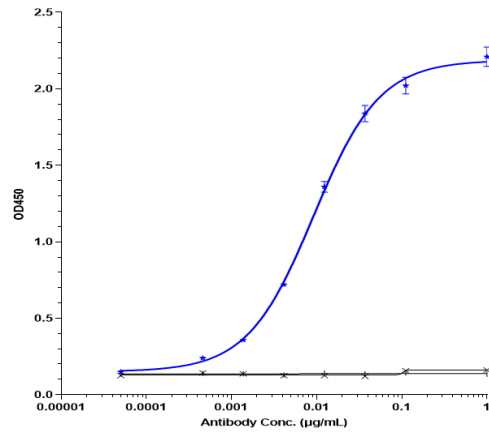
Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) - Images



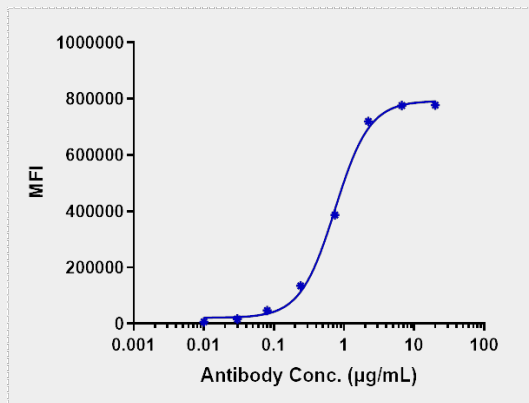
Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



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, $EC_{76}=0.7412 \mu\text{g/mL}$