



# CERTIFICATE OF ANALYSIS

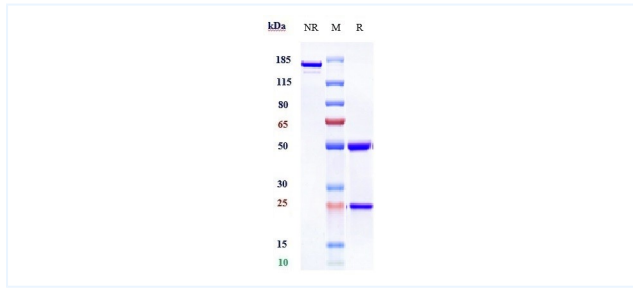


## Product Details

|                      |   |                             |              |
|----------------------|---|-----------------------------|--------------|
| Product name:        | Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab)  | Lot.No.:                    | P55625       |
| Target:              | TNFRSF5 / CD40  | Catalog:                    | CHA162       |
| Target<br>Accession: | P25942  | Concentration :             | 1 mg/mL      |
| Clonality:           | Monoclonal  | Isotype:                    | IgG1         |
| Reactivity:          | Human   | Molecular Weight<br>(kDa) : | 145 kDa      |
| Application:         | Kinetics (SPR), ELISA, Bioactivity: FACS, Functional assay,<br>Research in vivo   | Endotoxin:                  | <1 EU/mg     |
| Formulation:         | Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0 <br/><br>Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80<br>pH6.2                                       | Conjugation:                | Unconjugated |
| Reconstitution:      | For Powder, reconstitute with sterile, distilled water to a<br>final concentration of 1 mg/ml. Gently shake to solubilize<br>completely. Do not vortex. | Expression System:          | CHO          |
| Storage:             | -80°C for 2 years under sterile conditions; -20°C for 1 year<br>under sterile conditions; Avoid repeated freeze-thaw cycles.                            | Purification:               | Protein A    |

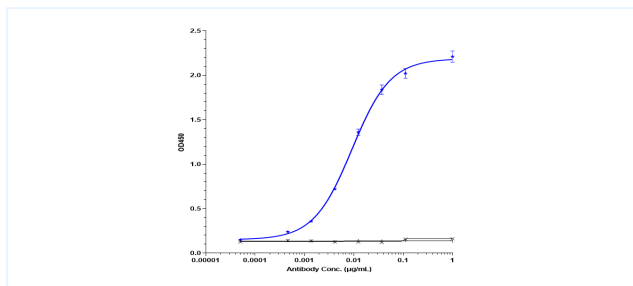
## Data

## Purity: SDS-PAGE



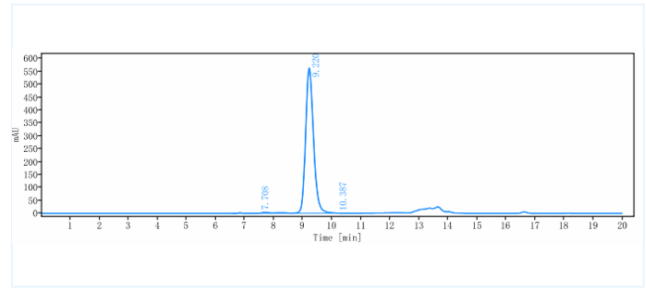
Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 90%.

## Bioactivity: ELISA



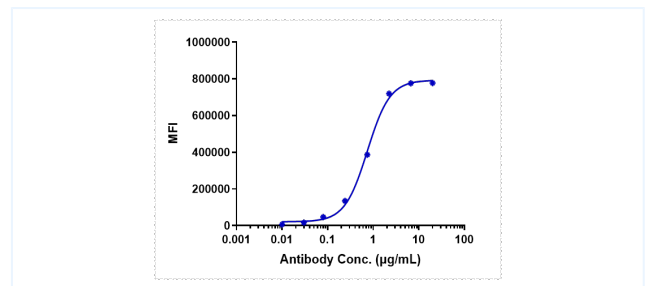
Immobilized human TNFRSF5 / CD40 His at 2 µg/mL can bind Anti-TNFRSF5 / CD40 Reference Antibody (dacetuzumab), EC50=0.0092 µg/mL.

## Purity: SEC-HPLC



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

## Bioactivity: FACS



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, EC50=0.7412 µg/mL.

The products are for research use only. Not for use in diagnostic procedures.