



CERTIFICATE OF ANALYSIS

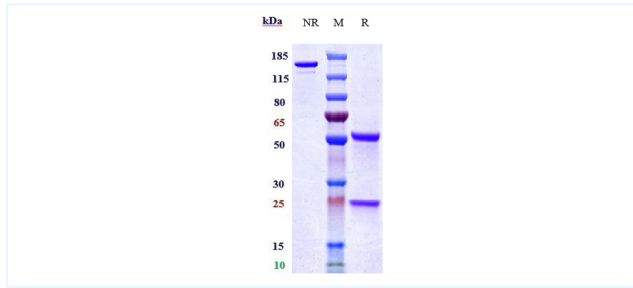


Product Details

Product name:	Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab)	Lot.No.:	CoAA2618C
Target:	TNFRSF5 / CD40	Catalog:	CHA160
Target Accession:	P25942	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG4PE
Reactivity:	Human	Molecular Weight (kDa) :	150 kDa
Application:	Kinetics (SPR), ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<1 EU/mg
Formulation:	Liquid: 100mM Pro-Ac, 20mM Arg pH 5.0 Lyophilization: 25mM histidine, 8% sucrose, 0.01% Tween80 pH6.2	Conjugation:	Unconjugated
Reconstitution:	For Powder, reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.	Expression System:	CHO
Storage:	-80°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.	Purification:	Protein A

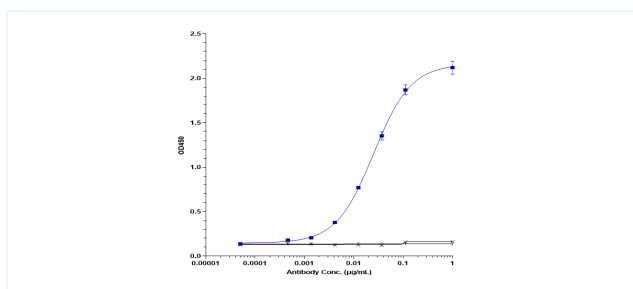
Data

Purity: SDS-PAGE



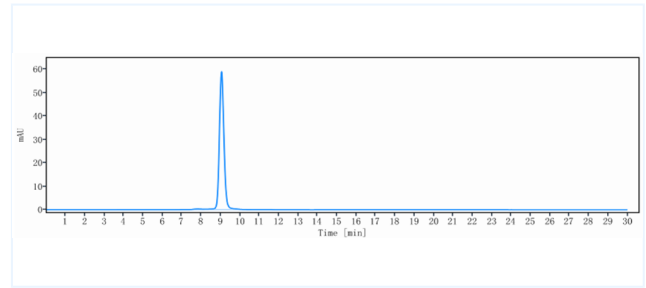
Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Bioactivity: ELISA



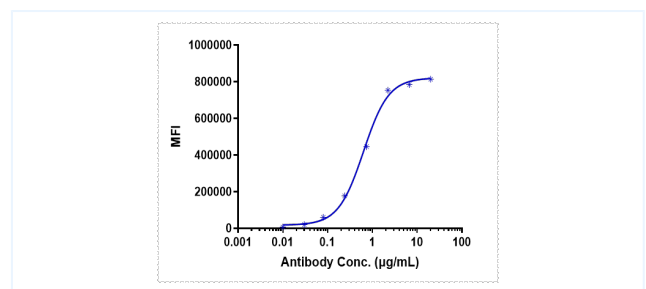
Immobilized human TNFRSF5 / CD40 His at 2 µg/mL can bind Anti-TNFRSF5 / CD40 Reference Antibody (bleselumab), $EC_{50}=0.0252$ µg/mL.

Purity: SEC-HPLC



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

Bioactivity: FACS



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, $EC_{50}=0.6311$ µg/mL.

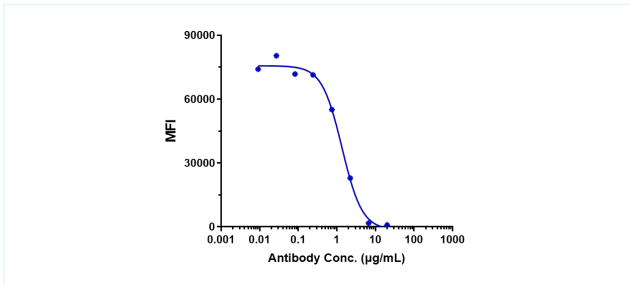
The products are for research use only. Not for use in diagnostic procedures.



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Function: Blocking



Anti-TNFRSF5 / CD40 Reference Antibody (bleseelumab)

FACS Blocking was evaluated using CCRF-CEM. The IC50 was approximately 1.359 µg/mL.

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