



CERTIFICATE OF ANALYSIS



Product Details

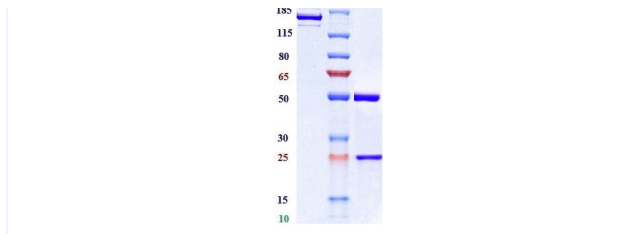
Product name:	Anti-CCN2 / CTGF Reference Antibody (pamrevlumab)	Lot.No.:	P105047
Target:	CCN2 / CTGF	Catalog:	CHA031
Target Accession:	P29279 / P29268	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	Human IgG1
Reactivity:	Human / Mouse / Monkey	Molecular Weight (kDa) :	150 kDa
Application:	FCM, Neutralization, In Vivo, ELISA	Endotoxin:	<0.001 EU/μg
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

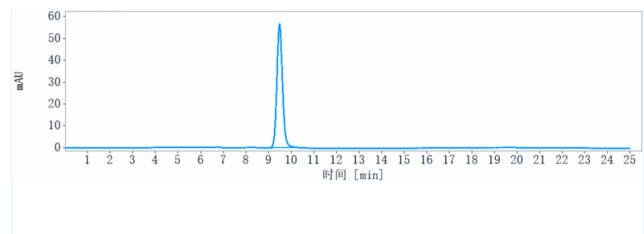
Purity: SDS-PAGE

Purity: SEC-HPLC

kDa NR M R
100

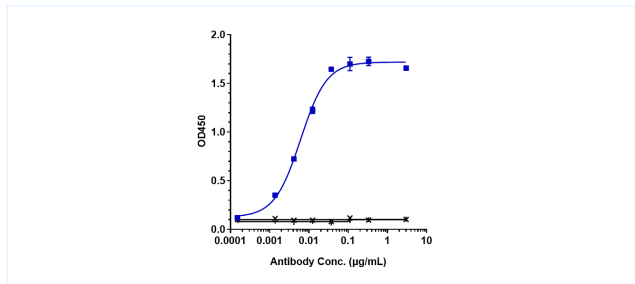


Anti-CCN2 / CTGF Reference Antibody (pamrevlumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



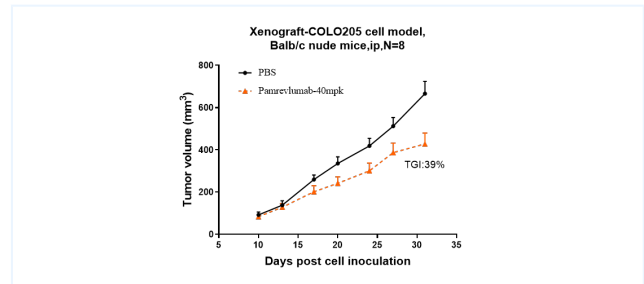
The purity of Anti-CCN2 / CTGF Reference Antibody (pamrevlumab) is 100%, determined by SEC-HPLC.

Bioactivity: ELISA



Immobilized human CTGF (His Tag, 2μg/mL) can bind to Anti-CCN2 / CTGF Reference Antibody (pamrevlumab) with an EC50 of 0.006105 ug/mL.

Research in vivo



Anti-CCN2 / CTGF Reference Antibody (pamrevlumab) inhibited the tumor growth of COLO205 on Balb/c nude mice. The result showed significant anti-tumor effects, with an tumor inhibition rate (TGI) of 39% at 40 mpk at D31.

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