



CERTIFICATE OF ANALYSIS



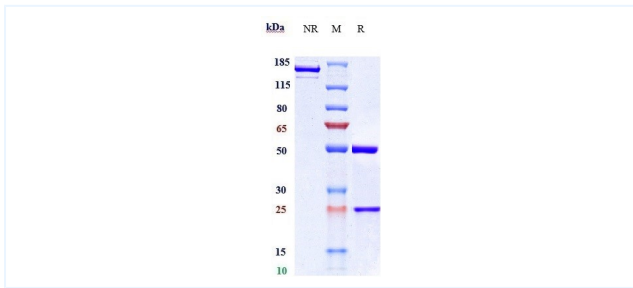
Product Details

| | | | |
|----------------------|---|-----------------------------|--------------|
| Product name: | Anti- Human/Mouse/Monkey CTGF (Pamrevlumab) In Vivo Mab | 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 |

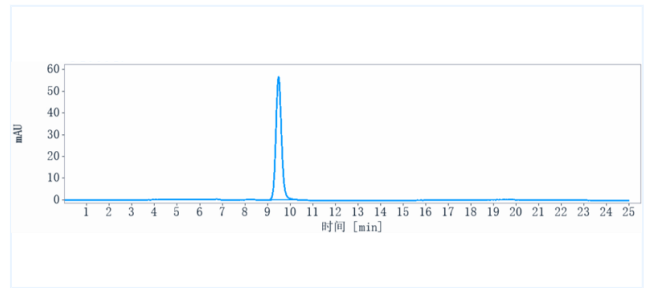
Data

Purity: SDS-PAGE

Purity: SEC-HPLC

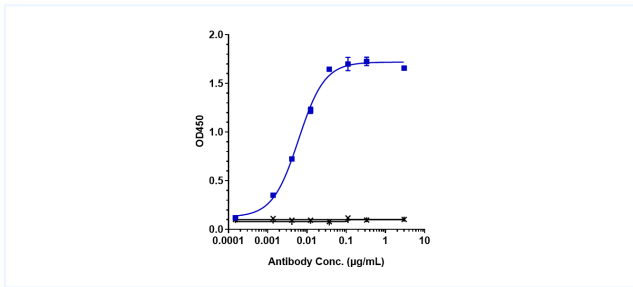


Anti- Human/Mouse/Monkey CTGF (Pamrevlumab) In Vivo Mab on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



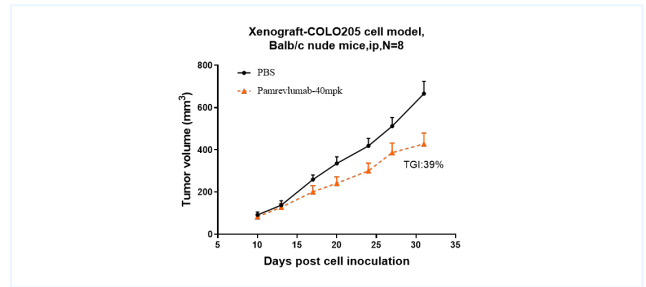
The purity of Anti- Human/Mouse/Monkey CTGF (Pamrevlumab) In Vivo Mab is 100%, determined by SEC-HPLC.

Bioactivity: ELISA



Immobilized human CTGF (His Tag, 2µg/mL) can bind to Anti-Human/Mouse/Monkey CTGF (Pamrevlumab) In Vivo Mab with an EC50 of 0.006105 ug/mL.

Research in vivo



Anti- Human/Mouse/Monkey CTGF (Pamrevlumab) In Vivo Mab 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.