



CERTIFICATE OF ANALYSIS

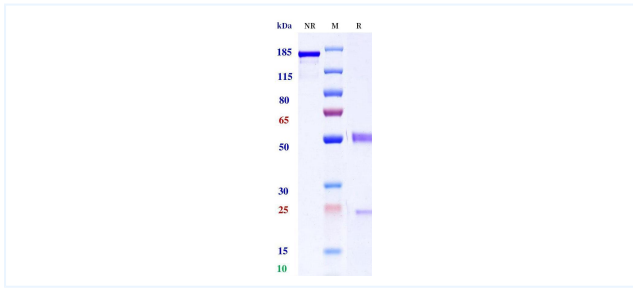


Product Details

| | | | |
|----------------------|---|-----------------------------|--------------|
| Product name: | Anti-IL-31 Reference Antibody (Numab patent anti-IL-31) | Lot.No.: | P296411 |
| Target: | IL-31 | Catalog: | CHB814 |
| Target Accession: | Q6EBC2 | Concentration : | 1 mg/mL |
| Clonality: | Monoclonal | Isotype: | ScFv-C-6His |
| Reactivity: | Human | Molecular Weight (kDa) : | 27.6 |
| Application: | 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: | Upon receipt, store immediately at -20°C or lower for 24 months. Store aliquots at -80°C for up to 3 months. Avoid repeated freeze-thaw cycles. | Purification: | Protein A |

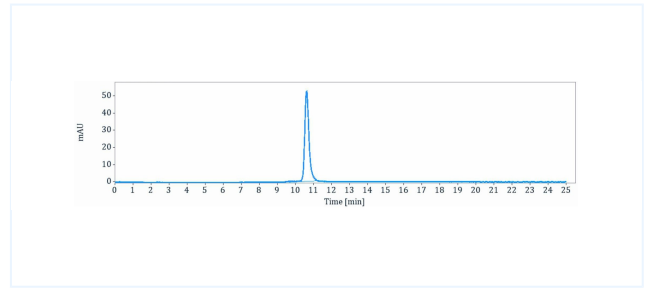
Data

Purity:SDS-PAGE



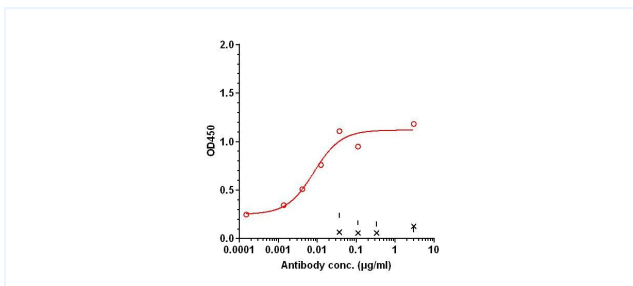
Anti-IL-31 Reference Antibody (Numab patent anti-IL-31) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



The purity of Anti-IL-31 Reference Antibody (Numab patent anti-IL-31) is 99.11%, determined by SEC-HPLC.

Bioactivity: ELISA



Immobilized hull31-Fc at 4 µg/mL can bind Numab patent anti-IL-31, EC50= 0.003433 µg/mL.

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