



CERTIFICATE OF ANALYSIS

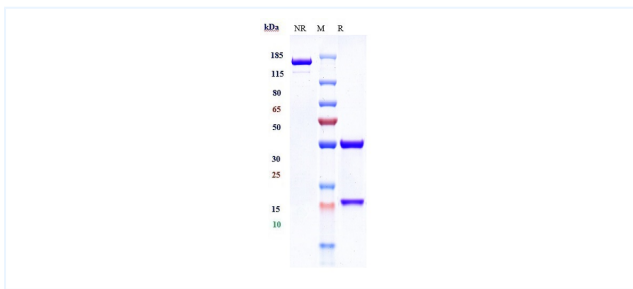


Product Details

| | | | |
|----------------------|---|-----------------------------|-----------|
| Product name: | Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab-MMAE) | Lot.No.: | P95915 |
| Target: | IL-3Ra / CD123 | Catalog: | CHB292 |
| Target Accession: | P26951 | Concentration : | 1 mg/mL |
| Clonality: | Monoclonal-ADC | Isotype: | IgG1 |
| Reactivity: | Human | Molecular Weight (kDa) : | 145 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: | MMAE |
| 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 |

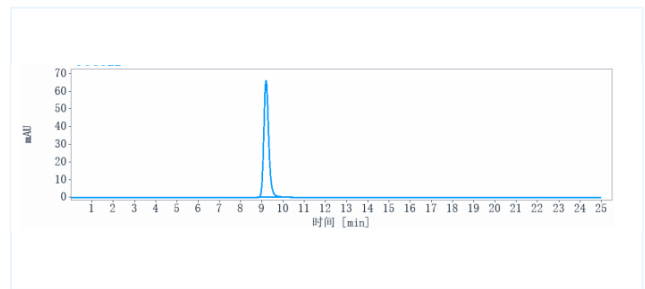
Data

Purity: SDS-PAGE



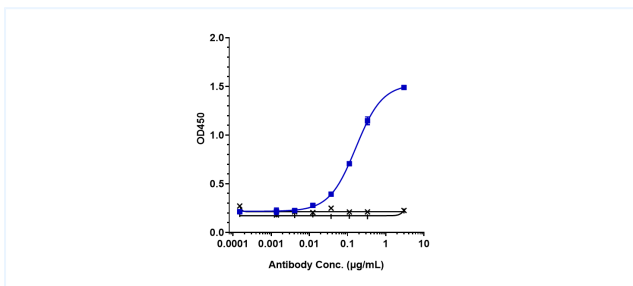
Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab-MMAE) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity: SEC-HPLC



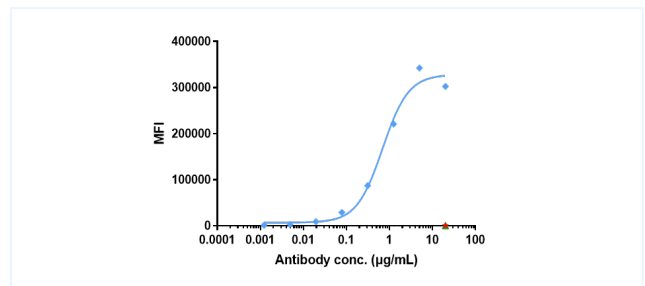
The purity of Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab-MMAE) is more than 95%, determined by SEC-HPLC.

Bioactivity: ELISA



Immobilized human IL 3RA FC at 2 ug/mL can bind Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab-MMAE), EC50 is 0.1647 ug/mL.

Bioactivity: FACS



Human IL-3Ra / CD123 HEK293 Cell Line cells were stained with Anti-IL-3Ra / CD123 Reference Antibody (talacotuzumab-MMAE) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, The EC50 is 0.69 ug/mL.

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