



# CERTIFICATE OF ANALYSIS



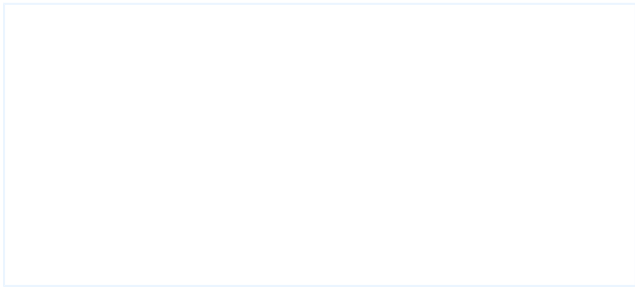
## Product Details

Product name:	Anti-IL-23 Reference Antibody (brazikumab)	Lot.No.:	P214071
Target:	IL-23	Catalog:	CHA942
Target Accession:	Q9NPF7	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG2
Reactivity:	Human	Molecular Weight (kDa) :	144.82
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:	-80°C for 2 years under sterile conditions; -20°C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.	Purification:	Protein A

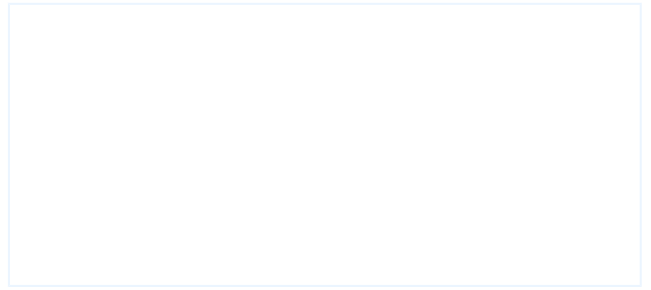
## Data

Purity: SDS-PAGE

Purity: SEC-HPLC

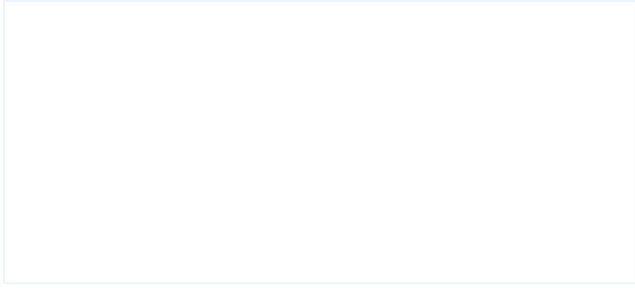


Anti-IL-23 Reference Antibody (brazikumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-23 Reference Antibody (brazikumab) is 99.32%, determined by SEC-HPLC.

## ELISA



Immobilized huIL-23p19-N-His IL-12p40 at 2 µg/mL can bind brazikumab, The EC50 is 0.2492 µg/mL.

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