



# CERTIFICATE OF ANALYSIS

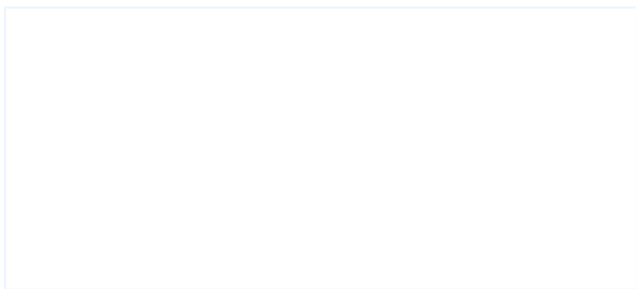


## Product Details

Product name:	Anti-ERBB1 / EGFR / HER1 Reference Antibody (Regeneron patent anti-EGFR)	Lot.No.:	P97530
Target:	ERBB1 / EGFR / HER1	Catalog:	CHB056
Target Accession:	P00533	Concentration :	1 mg/mL
Clonality:	Monoclonal	Isotype:	IgG1
Reactivity:	Human	Molecular Weight (kDa) :	145.54
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

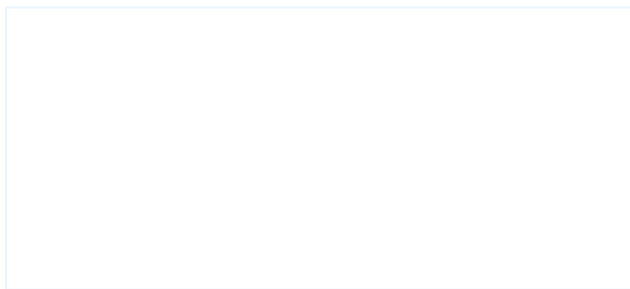
## Data

#### Purity: SDS-PAGE



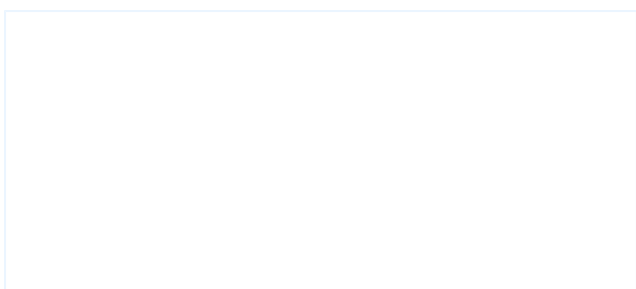
Anti-ERBB1 / EGFR / HER1 Reference Antibody (Regeneron patent anti-EGFR) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

#### Purity: SEC-HPLC



The purity of Anti-ERBB1 / EGFR / HER1 Reference Antibody (Regeneron patent anti-EGFR) is 99.32%, determined by SEC-HPLC.

#### ELISA



Immobilized Human ERBB1 / EGFR / HER1, His Tag at 2  $\mu\text{g/mL}$  can bind Regeneron patent anti-EGFR, The  $\text{EC}_{50}$  is 0.008894  $\mu\text{g/mL}$ .

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