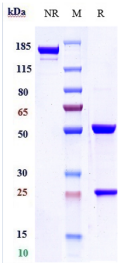
CERTIFICATE OF ANALYSIS

Product Details

Product name:	Anti-ERBB2 / HER2 / CD340 Reference Antibody (trastuzumab)	**Lot.No.:**	P105836
Target Name:	ERBB2 / HER2 / CD340	**Catalog:**	CHA053
Target Accession:	P04626	**Concentration:**	1 mg/ml
Clonality:	Monoclonal	**Isotype:**	IgG1
Reactivity:	Human, Mouse [WO2001000245A3]	**Calculated MW:**	145.36 kDa
Application:	ELISA, FACS, Functional assay, Animal Model	**Endotoxin:**	<0.001 EU/ug
Contains:	No preservative	**Conjugation:**	Unconjugated
Formulation:	1 x PBS, pH 6.0	**Expression System:**	CHO
Storage:	-80°C for 2 years under sterile conditions -20°C for 1 year under sterile conditionsAvoid repeated freeze-thaw cycles.	**Purification:**	Protein A

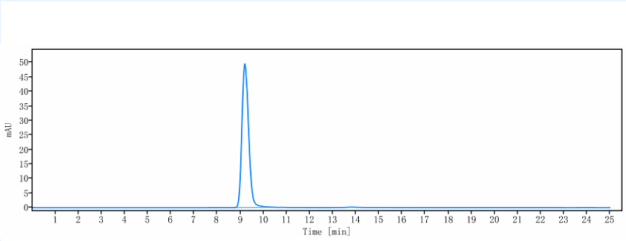
Data

Purity:SDS-PAGE



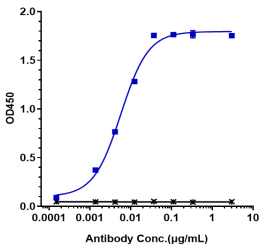
Anti-ERBB2 / HER2 / CD340 Reference Antibody (trastuzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



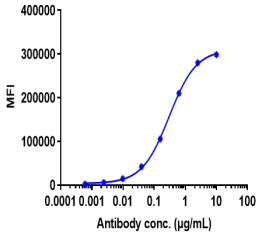
The purity of Anti-ERBB2 / HER2 / CD340 Reference Antibody (trastuzumab) is more than 95%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human HER2, His at 2 ug/mL can bind Anti-ERBB2 / HER2 / CD340 Reference Antibody (trastuzumab), EC50=0.005735 ug/mL.

Bioactivity:FACS

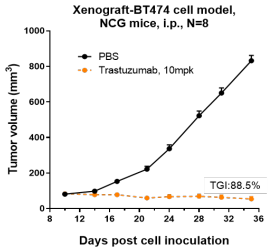


BT474 cells were stained with Anti-ERBB2 / HER2 / CD340 Reference Antibody (trastuzumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.3024 ug/mL.

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

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Research in vivo



Trastuzumab inhibited the tumor growth of BT474 on NCG mice. The result showed significant anti-tumor effects, with an tumor inhibition rate (TGI) of 88.5% at 10 mpk at D35.

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

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