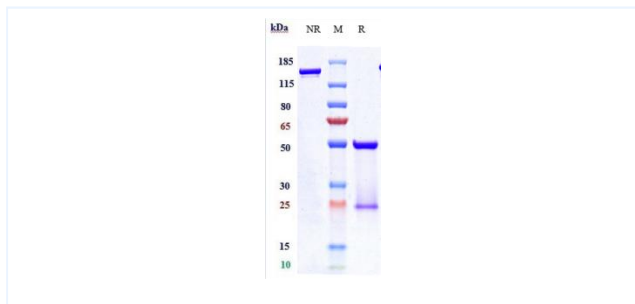


Product Details

Product name:	Anti-human ERBB2 / HER2 / CD340 (pertuzumab Biosimilar)	SKU:	BIO0038SM
Target Name:	ERBB2 / HER2 / CD340	Size:	1 mg/5 mg/20 mg
Target Uniprot:	P04626	Concentration:	Lyophilized
Clone#:	pertuzumab	Isotype:	Human IgG1
Reactivity:	Human, Mouse, Cynomolgus	Calculated M.W.:	145.44 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	0.1M Pro, 20mM Arg, pH5.0	Conjugation:	None
Storage:	For long term storage, the produce should be stored at -20° C or lower.	Expression System:	CHO
Reconstitution:	Dissolve with sterile ddH2O	Purification:	Protein A

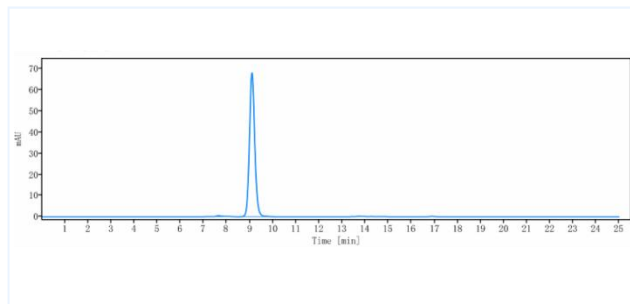
Data

Purity:SDS-PAGE



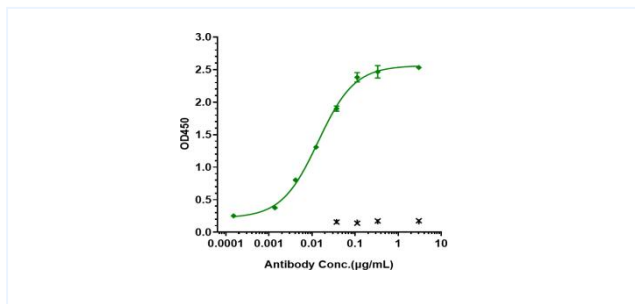
Anti-ERBB2 / HER2 / CD340 (pertuzumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



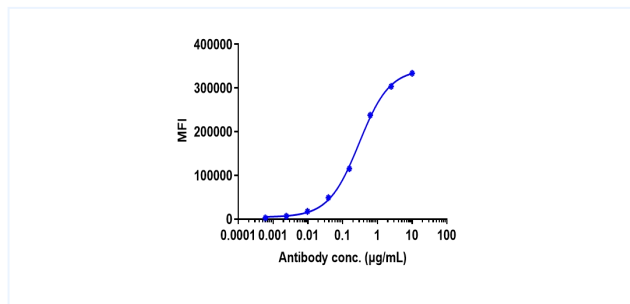
The purity of Anti-ERBB2 / HER2 / CD340 (pertuzumab) is 99.02%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human HER2(23 652) His at 2 ug/mL can bind Anti-ERBB2 / HER2 / CD340 (pertuzumab), $EC_{50}=0.01375$ ug/mL.

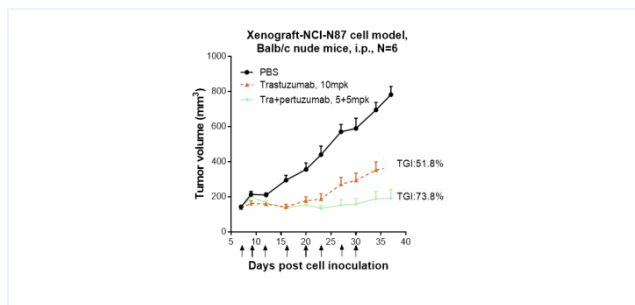
Bioactivity:FACS



BT474 cells were stained with Anti-ERBB2 / HER2 / CD340 (pertuzumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, $EC_{50}=0.2994$ ug/mL.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Research in vivo



Pertuzumab+trastuzumab inhibited the tumor growth of NCI-N87 on Balb/c nude mice. The result showed significant anti-tumor effects, with an tumor inhibition rate (TGI) of 73.8% at 5 mpk at D37.