

Product Datasheet

Anti-ERBB2 / HER2 / CD340 Reference Antibody (trastuzumab) (orb1818366)

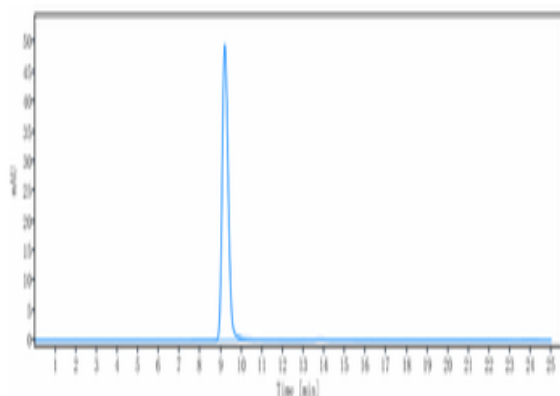
Description	Recombinant Antibody
Reactivity	Human, Mouse
Endotoxins	< 0.001EU/μg,determined by LAL method.
Conjugation	Unconjugated
Tested Applications	ELISA, FC
Form/Appearance	Purified monoclonal antibody supplied in PBS, pH 6.0, without preservative.This antibody is purified through a protein A column.
Concentration	1mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Protein Sequence	ERBB2 / HER2 / CD340
Isotype	IgG1
Clonality	Monoclonal
Antibody Type	Primary Antibody
MW	145.36
Uniprot ID	P04626
Expiration Date	12 months from date of receipt.

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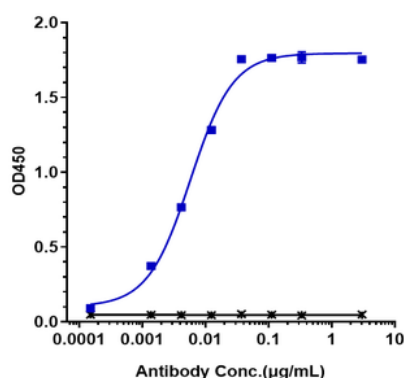
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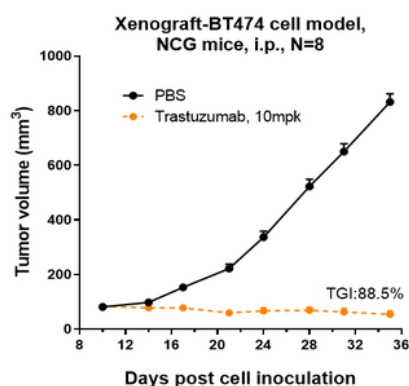
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The purity of Anti-ERBB2 / HER2 / CD340 Reference Antibody (trastuzumab) is more than 95%, determined by SEC-HPLC.



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



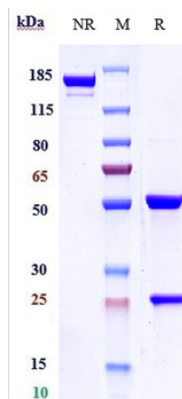
Trastuzumab inhibited the tumor growth of BT474 on NCG mice. The result showed significant anti-tumor effects, with an tumor inhibition rate (TGI) of 88.5% at 10 mpk at D35.

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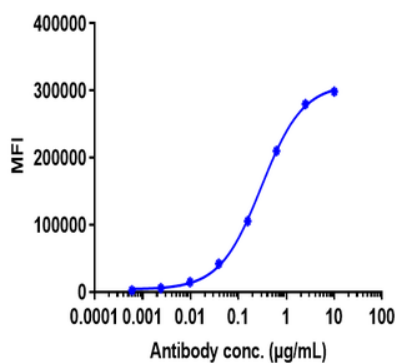
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Anti-ERBB2 / HER2 / CD340 Reference Antibody (trastuzumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



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, EC175=0.3024 µg/mL

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