

Anti-HER2, Humanized Antibody (Trz1)

CATALOG NO:	A1046-100 100 µg
ALTERNATE NAMES:	Neu, Ngl, Erb2, Tkr1, Cd340, Her-2, Mln 19, HER-2/neu
AMOUNT:	100 µg
IMMUNOGEN:	Extracellular domain of human epidermal growth factor receptor 2 (HER2)
HOST/ISOTYPE:	Human IgG1 κ
CLONALITY:	Monoclonal
SOURCE:	CHO cells
ENDOTOXIN LEVELS:	< 0.05 EU/ml
PURIFICATION:	IgG purified from CHO culture supernatant by protein A chromatography
SPECIES REACTIVITY:	Human
FORM:	Liquid
FORMULATION:	Supplied in phosphate buffered saline, pH 7.4
STORAGE CONDITIONS:	Store the product at -20 °C. Product is stable for about 6 weeks at 2-8 °C as an undiluted liquid. Prepare working dilution prior to use. Avoid repeated freezing and thawing
SPECIFICITY:	The research-grade biosimilar is a humanized IgG1 kappa monoclonal antibody that selectively binds with high affinity to the extracellular domain of the human epidermal growth factor receptor 2 protein, HER2. The biosimilar antibody is produced by recombinant DNA technology in a mammalian cell (Chinese Hamster Ovary) culture containing the antibiotic gentamicin. Gentamicin is not detectable in the final product.
DESCRIPTION:	The research-grade biosimilar antibody is a recombinant humanized monoclonal immunoglobulin G1 kappa antibody that binds with high affinity and specificity to the extracellular domain of the HER2 receptor. A growth factor receptor gene, human epidermal growth factor receptor (HER2), is amplified in 25 to 30 % of breast cancers and in these cases the encoded protein is present in abnormally high levels in the malignant cells.
APPLICATION:	Neutralization: 0.1-20 µg/ml, ELISA: 2 µg/ml

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

RELATED PRODUCTS:

- Anti-VEGF, Humanized Antibody (**Cat. No. A1045-100**)
- Anti-EGFR, chimeric antibody (**Cat. No. A1047-100**)
- Anti-TNF-α, humanized antibody (**Cat. No. A1048-100**)
- Anti-CD20, chimeric antibody (**Cat. No. A1049-100**)
- Anti-EGFR, humanized antibody (**Cat. No. A1050-100**)
- Human CellExp™ ErbB2 / HER2 / CD340, human recombinant (**Cat. No. 7397-10**)
- HER2, Active, Human Recombinant (**Cat. No. 8011-5**)
- HER2, Active (**Cat. No. 7762-5**)
- HER2/ErbB2 Antibody (**Cat. No. 3783-100**)

FOR RESEARCH USE ONLY! Not to be used on humans.