

Anti-HER2 (Trastuzumab), humanized Antibody

Human Monoclonal Antibody

Catalog # ABV11756

Product Information

Application	E
Primary Accession	P04626 .
Reactivity	Human
Host	CHO Cells
Clonality	Monoclonal
Isotype	Human IgG1k

Additional Information

Application & Usage	Neutralization : 1-20 μ g/ml; ELISA: 2 μ g/ml
Alias Symbol	HER2
Other Names	Herceptin, ErbB2
Target/Specificity	Trastuzumab 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.
Appearance	Colourless liquid
Formulation	100 ug (2mg/ml) of antibody in Phosphate buffered saline, pH 7.4.
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-HER2 (Trastuzumab), humanized Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

Trastuzumab 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. Trastuzumab is used to treat adjuvant and metastatic breast cancer as well as metastatic gastric cancer.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.