

Anti-HER2, Humanized Antibody (Pz4)

rev 11/21

CATALOG NO.: A2111-100 (100 µg)

BACKGROUND DESCRIPTION: This biosimilar is a humanized monoclonal antibody that is produced by recombinant DNA technology in CHO cells and targets the extracellular domain of human epidermal growth factor receptor 2 (HER2). HER2 is a member of the epidermal growth factor receptor (EGFR) family of receptor tyrosine kinases. HER2 does not have a ligand binding domain so cannot bind growth factors. However, HER2 can bind tightly to other ligand-bound EGFR family members to form a heterodimer to elicit downstream signaling pathways. Amplification and/or overexpression of HER2 have been reported in numerous cancers such as breast and ovarian tumors.

ALTERNATE NAMES: HER2, HER-2, HER 2, Neu, Ngl, Erbb2, Tkr1, Cd340, Mln 19, HER-2/neu

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: CHO cells / Human IgG1

IMMUNOGEN: Human HER2

FORM: Liquid

FORMULATION: In PBS buffer, pH 7.2

STORAGE CONDITIONS: Undiluted antibody solution should be stored at 4 °C in the dark and avoid freezing the solution

APPLICATIONS AND USAGE: Growth Inhibition assay, Cell Cytotoxicity assay, *In vivo* studies

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

RELATED PRODUCTS:

Anti-HER2, Humanized Antibody (A1046)

HER2/ErbB2 Antibody (3783)

Anti-HER2 (c-erbB-2), Rabbit Monoclonal Antibody (A1134)

Anti- Her2/Neu Antibody (IHC002) (A1519)

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