

Pertuzumab Biosimilar - Research Grade

Bulk Pertuzumab Biosimilar - Research Grade

Product Benefits:

ichorbio's Pertuzumab Biosimilar - Research Grade is manufactured in a cGMP compliant facility.

Size:

ichorbio's research grade pertuzumab biosimilar is available in the following sizes: 5mg, 10mg, 20mg, 50mg, 100mg ichorbio regularly manufactures bulk multi-gram amounts of our pertuzumab biosimilar - please contact us for pricing.

Target:

ErbB2

Clone:

n/a

Isotype:

IgG1

Other Names:

Receptor tyrosine-protein kinase erbB-2, MLN 19, HER2, HER2/neu

Host:

Humanized

Species Reactivity:

Human

Specificity:

Detects human HER2. ichorbio's pertuzumab biosimilar is for research use only (RUO).

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Background:



Pertuzumab is a recombinant humanized monoclonal antibody that targets the extracellular dimerization domain (Subdomain II) of the human epidermal growth factor receptor 2 protein (HER2). Pertuzumab is produced by recombinant DNA technology in a mammalian cell (Chinese Hamster Ovary) culture. Pertuzumab has an approximate molecular weight of 148 kDa.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

Colorless, clear to milky white, colorless to light brown liquid with a pH of about 6.0, containing L-histidine, sucrose and 0.02% polysorbate 20. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

? 0.75 EU/mg as determined by the LAL method

Storage:

Pertuzumab Biosimilar - Research Grade is stable for at least four (4) weeks when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications:

Functional Assays

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use: ichorbio's pertuzumab biosimilar is for research use only (RUO).