

Nimotuzumab Biosimilar - Research Grade

Bulk Nimotuzumab Biosimilar - Research Grade

Product Specific Citations:

Tikum et al. Simultaneous Imaging and Therapy Using Epitope-Specific Anti-Epidermal Growth Factor Receptor (EGFR) Antibody Conjugates. *Pharmaceutics* (2022).

Product Benefits:

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

Size:

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

Target:

EGFR

Clone:

n/a

Isotype:

IgG1

Other Names:

Epidermal growth factor receptor, Proto-oncogene c-ErbB-1, Receptor tyrosine-protein kinase erbB-1, ERBB, ERBB1, HER1

Host:

Humanized

Species Reactivity:

Human

Specificity:

Detects human EGFR.

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:

Nimotuzumab biosimilar has a humanized human-mouse h-R3 heavy chain and a humanized human-mouse h-R3?-chain. nimotuzumab binds to the epidermal growth factor receptor (EGFR), a signalling protein that normally controls cell division.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

Sterile, clear, colorless solution without preservatives, containing sodium dihydrogen phosphate, phosphoric acid disodium hydrogen, sodium chloride and polysorbate 80. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

? 0.75 EU/mg as determined by the LAL method

Storage:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at – 20°C or -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 nimotuzumab biosimilar is for research use only (RUO). **Isotype Control:**

[Bulk Human IgG1 Isotype Control \(IB1\) \[ICH2254\]](#)