

# Nimotuzumab Biosimilar - Research Grade

**Product Code:** ICH4008

**Bulk Nimotuzumab Biosimilar - Research Grade**

## **Product Specific Citations:**

[Simultaneous Imaging and Therapy Using Epitope-Specific Anti-Epidermal Growth Factor Receptor \(EGFR\) Antibody Conjugates](#)

Tikum et al. Simultaneous Imaging and Therapy Using Epitope-Specific Anti-Epidermal Growth Factor Receptor (EGFR) Antibody Conjugates. Pharmaceuticals (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-R3κ-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 \(IB1\) \[ICH2254\]](#)