

Cetuximab Biosimilar - Research Grade

Product Code: ICH4004

Bulk Cetuximab Biosimilar - Research Grade

Product Benefits:

ichorbio's Cetuximab Biosimilar - Research Grade is manufactured in a cGMP compliant facility. Our cetuximab biosimilar is strictly for research use only (RUO).

Size:

ichorbio's research grade cetuximab biosimilar is available in the following sizes: 5mg, 10mg, 20mg, 50mg, 100mg ichorbio regularly manufactures bulk multi-gram amounts of our cetuximab 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:

Cetuximab biosimilar is a recombinant, human/mouse chimeric monoclonal antibody that binds specifically to the extracellular domain of the human epidermal growth factor receptor (EGFR). Cetuximab biosimilar is composed of the Fv regions of a murine anti-EGFR antibody with human IgG1 heavy and kappa light chain constant regions and has an approximate molecular weight of 152 kDa. Cetuximab biosimilar is produced in mammalian (Chinese Hamster Ovary) cell culture.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

Sterile, transparent, colorless, preservative-free liquid with a pH value of 7.0 to 7.4, which contains Sodium chloride, disodium hydrogen phosphate heptahydrate, sodium dihydrogen phosphate monohydrate. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

≤ 0.75 EU/mg as determined by the LAL method

Storage:

Cetuximab Biosimilar - Research Grade is stable for at least four (4) weeks when stored sterile at 2-8°C.

Applications:



Functional Assays

Application Notes:

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

Use: ichorbio's cetuximab biosimilar is for research use only (RUO). **Isotype Control:**

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