

# Panitumumab Biosimilar - Research Grade

**Bulk Panitumumab Biosimilar - Research Grade**

## **Product Benefits:**

ichorbio's Panitumumab Biosimilar - Research Grade is manufactured in a cGMP compliant facility. ichorbio: the best antibodies for *in vivo* research.

## **Size:**

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

## **Target:**

EGFR

## **Clone:**

n/a

## **Isotype:**

IgG2 kappa

## **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:**

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Panitumumab biosimilar is a recombinant, human IgG2 kappa monoclonal antibody that binds specifically to the human epidermal growth factor receptor (EGFR). It has an approximate molecular weight of 147 kDa and is produced in genetically engineered mammalian (Chinese hamster ovary) cells.

**Concentration:**

1.0 - 5.0 mg/ml

**Formulation:**

Sterile, colorless liquid with a pH value of 5.6 to 6.0, containing sodium chloride and sodium acetate. 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 panitumumab biosimilar is for research use only (RUO). **Isotype Control:**

[Bulk Human IgG2 Isotype Control \(IB2\) \[ICH2255\]](#)