

# Pimurutamab Biosimilar - Research Grade

**Product Code:** ICH5774

**More Information**

**Species Reactivity:** Human

**Target:** EGFR $\alpha$

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

**product name H2:** Pimurutamab Biosimilar - Research Grade

**Sequence:** <https://www.imgt.org/mAb-DB/>

**Buffer:** ICH3002

**UniProt:** P00533;P00533;Q01279;Q01279;P00533

**Shipping Conditions:** Blue ice

**background:** EGFR is a receptor tyrosine kinase that promotes proliferation and survival across numerous epithelial cancers. This unconjugated human IgG1 kappa antibody is a non-therapeutic analog of pimurutamab, produced in CHO cells against human EGFR. Supplied for research use only, it is purified to a low-endotoxin grade suitable for in vivo studies and offered in scalable milligram (mg) to gram (g) quantities for bulk, high-throughput laboratories. It supports receptor-signaling and blockade assays, functional readouts, in vitro screening, in vivo tumor models, and antibody-drug conjugate development. Tight quality control makes it a steady reagent for high-throughput pipelines.

**Purification Method:** This monoclonal antibody was purified using Protein A

**Formulation:** Sterile, preservative-free, solution in PBS. BSA and Azide free.



**Purity:** >90% by SDS-PAGE

**Endotoxin:**  $\leq 1.0$  EU/mg as determined by the LAL method

**Storage:** This biosimilar is stable when stored at 2-8°C. For longer term storage (> 3 months) it is recommended to store this antibody at -20°C or -70°C.

**Applications:** Functional Assays

**Application Notes:** This biosimilar is for research use only (RUO): it is not for diagnostic or therapeutic procedures and cannot be purchased by patients.

**Use:** Products are for research use only. Not for use in diagnostic or therapeutic procedures.