

# Capromab Biosimilar - Research Grade

**Product Code:** ICH5427

**More Information**

**Species Reactivity:** Human

**Target:** FOLH1/PSMA

**Concentration:** 5mg/ml

**Isotype:** IgG1 - kappa

**Host:** CHO Cells

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

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

**Buffer:** ICH3002

**UniProt:** Q04609

**Shipping Conditions:** Blue ice

**background:** Folate hydrolase 1 (FOLH1/PSMA) is a prostate-restricted membrane antigen that is highly upregulated in prostate cancer, making it a prominent oncology and imaging target. As an unconjugated, non-therapeutic analog of capromab, this human IgG1-kappa recombinant antibody is supplied for research use only (RUO). It is formulated low in endotoxin to in vivo standards and manufactured in scalable milligram-to-gram quantities for bulk and high-throughput laboratories. Researchers use it in functional and binding assays, antigen-targeting and internalization studies, in vitro screening and preclinical prostate-cancer models exploring PSMA.

**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.

**Delivery Time:** 3-4 weeks